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MIDDLEBURY COLLEGE BULLETIN

THE CATALOGUE
1915-1916

MIDDLEBURY, VERMONT

PUBLISHED BY THE COLLEGE

SEPTEMBER, OCTOBER, NOVEMBER, DECEMBER
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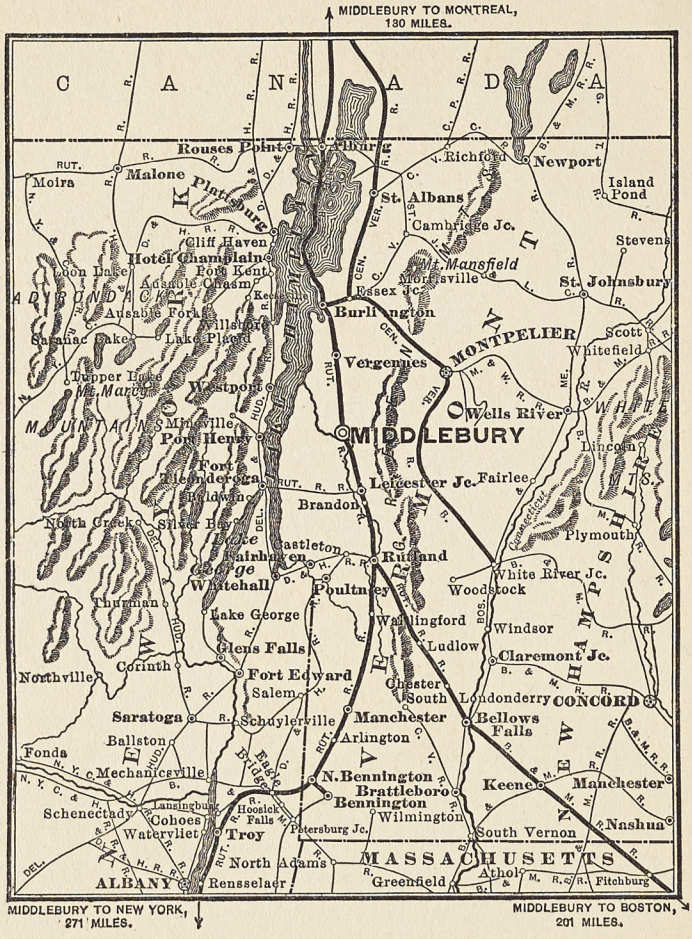

THE CENTRAL COLLEGE OF VERMONT

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Halfway between Vermont's Largest Cities.

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Through Trains daily each way between New York and Boston and Montreal.

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A Catalogue of Middlebury College

Middlebury, Vermont

One Hundred and Sixteenth Year

1915-1916

Published by the College

1915

D. B. UPDIKE, THE MERRYMOUNT PRESS, BOSTON

CHARTER

OF MIDDLEBURY COLLEGE

STATE OF VERMONT

Isaac Tichenor Esquire Governor and Commander in Chief in, and over the State of Vermont. To all to whom these Presents shall come Greeting.

KNOW YE, That I the said Isaac Tichenor by virtue of Authority, in me vested, and in pursuance of a certain Act of the Legislature of said State passed the first day of November in the Year of our Lord eighteen hundred, entitled An Act incorporating and establishing a College at Middlebury in the County of Addison—do, by these Presents will, ordain, and grant, that there be, and there hereby is granted, instituted, and established, a College in the Town of Middlebury in the County of Addison in said State;—and that Messrs Jeremiah Atwater, Nathaniel Chipman, Heman Ball, Elijah Payne, Gamaliel Painter, Israel Smith, Stephen R. Bradley, Seth Storrs, Stephen Jacob, Daniel Chipman, Lot Hall, Aaron Leeland, Gershom C. Lyman, Samuel Miller, Jedediah P. Buckingham, and Darius Matthews, shall be an incorporate Society, or Body corporate and politic, and shall hereafter be called and known by the Name of the PRESIDENT AND FELLOWS OF MIDDLEBURY COLLEGE—and that by the same name they and their successors shall, and may have perpetual succession; and shall and may be persons

capable in Law to be impleaded, defend, and be defended; answer and be answered unto; and also to have, take, possess, acquire, purchase, or otherwise receive Lands, tenements, hereditaments, goods, chattels, or estate; to grant, demise, lease, use, manage, or improve for the good and benefit of the said College according to the tenor of the donations.—

And that the President and Fellows, and their successors shall and may hereafter have a common seal, to serve and use for all causes, matters, and affairs of theirs, and their successors, and the same seal to alter, break, and make anew, as they shall think fit.—And I the said Isaac Tichenor do by these presents further will, ordain, constitute, and appoint that the said Jeremiah Atwater be, and he hereby is established the present President; and the said Nathaniel Chipman, Heman Ball, Elijah Payne, Gamaliel Painter, Israel Smith, Stephen R. Bradley, Seth Storrs, Stephen Jacob, Daniel Chipman, Lot Hall, Aaron Leeland, Gershom C. Lyman, Samuel Miller, Jedediah P. Buckingham, and Darius Matthews, shall be, and they are hereby established the present Fellows of the said College; and that they and their successors shall continue in their respective places during life, or until they, or either of them, shall resign, be removed, or displaced, as is hereinafter expressed.—

And I the said Isaac Tichenor do further will, ordain, and grant that there shall be a general meeting of the President and Fellows of the said College, in the said College House, on the first Tuesday of November annually, or at any other time and place which they shall see cause to appoint, to consult, advise, and act,

in and about the affairs and business of said College; and that on any special emergency, the President and two of the Fellows, or any four of the fellows may appoint a meeting of the said College — Provided they give notice thereof to the rest by letters sent and left with them, or at the places of their respective abodes, ten days before such meeting, and that the President and six Fellows, or in case of the death, absence, or incapacity of the President, seven Fellows convened as aforesaid (in which case the eldest Fellow shall preside) shall be deemed a meeting of the President and Fellows of said College; and that in all the said Meetings a major vote of the members present shall be deemed the act of the whole, and when an equi-vote happens, the President shall have a casting vote — That the President and Fellows of the said College, and their successors, in any of their meetings assembled as aforesaid, may, from time, as occasion shall require, elect and appoint a President or Fellows, and also the same remove, from time to time, for any misdemeanor, unfaithfulness, default, or incapacity, six of the said Corporation, at least, concurring therein; and shall have power to appoint a scribe, or register, a treasurer, tutors, professors, steward, and butler, and such other officers, and servants as are usually appointed in Colleges and Universities, as they shall find necessary and think fit to appoint, for promoting good Literature, and well ordering and managing the affairs of said College; and them, or any of them, at their discretion, to remove — And to prescribe and administer such forms of Oaths, not being contrary to the Constitution and laws of this State, or of the United States, as they shall think proper to be administered, to all those Officers

and Instructors of the said College, or to such, and so many of them as they shall think proper, for the faithful execution of their respective places, offices, and trusts.—

And that the said President and Fellows shall have the government, care and management of the said College, and of all matters and affairs thereto belonging; and shall have power from time to time, as occasion may require, to make, ordain, and establish all such wholesome, and reasonable laws, rules, and ordinances, not repugnant to the Constitution, and Laws of this State, or the United States, as they shall think fit and proper, for the instruction and education of the Students, and ordering, governing, ruling, and managing the said College, and all matters, affairs and thing thereto belonging; and the same to repeal and alter as they shall think fit, which shall be laid before the LEGISLATURE of this State, as often as required, and may also be repealed or disallowed by the said LEGISLATURE when they shall think proper.—

And that the President of said College with the consent of the Fellows, shall have power to give and confer all such honors, degrees, or licenses, as are usually given in Colleges or Universities, upon such as they shall think worthy thereof.—

And I the said Isaac Tichenor do further will and grant that all the lands and ratable estate, that does, or shall belong to the said College, not exceeding the yearly value of Two Thousand Dollars, lying in this State; and the persons, families, and estates of the Presidents and Professors, lying and being in the Town

of Middlebury, of the value of One Thousand Dollars, to each of said Officers, and the persons of the Tutors, Students, and such and so many of the servants of said College as give their constant attendance on the business of it, shall be freed and exempted from all rates, taxes, military service, working at highways, or other such like duties and services. —

In Testimony whereof I have caused the Public seal of the State of Vermont to be hereunto affixed.

Done at Middlebury this first day of November in the Year of our Lord One Thousand eight hundred, and of the Independence of the United States the twenty fifth.

By His Excellency's Command
Ros. Hopkins
Secy of State Isaac Tichenor

THE PRESIDENT AND FELLOWS OF MIDDLEBURY COLLEGE

Rev. John M. Thomas, d.d., ll.d., President	*Middlebury*
Brainerd Kellogg, ll.d., litt.d.	*Morristown, N. J.*
Ezra Brainerd, d.d., ll.d., sc.d.	*Middlebury*
Hon. David K. Simonds, a.b.	*Manchester*
Erastus H. Phelps, a.m.	*Fair Haven*
Hon. John A. Mead, a.m., m.d., ll.d.	*Rutland*
Henry H. Vail, ll.d.	*New York, N. Y.*
George M. Wright, ll.d.	*New York, N. Y.*
Rev. James L. Barton, d.d., ll.d.	*Boston, Mass.*
M. Allen Starr, m.d., ph.d., ll.d.	*New York, N. Y.*
James M. Gifford, ll.d.	*New York, N. Y.*
Julian W. Abernethy, ph.d., litt.d.	*Burlington*
John A. Fletcher, a.b.	*Middlebury*
Rev. Rufus C. Flagg, d.d.	*Burlington*
Hon. A. Barton Hepburn, ll.d., d.c.l.	*New York, N. Y.*
Hon. John E. Weeks, a.m.	*Middlebury*
Hon. Frank C. Partridge, ll.d.	*Proctor*
William H. Porter, ll.d.	*New York, N. Y.*
Bert L. Stafford, a.b.	*Rutland*

John A. Fletcher
Secretary and Treasurer

Davis L. Wells
Auditor

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John W. Stewart*
Ezra Brainerd
John A. Fletcher
John E. Weeks
Frank C. Partridge

FINANCE COMMITTEE

George M. Wright
William H. Porter
A. Barton Hepburn
James M. Gifford
Frank C. Partridge

COMMITTEE ON INSTRUCTION

Ezra Brainerd
Julian W. Abernethy
Brainerd Kellogg

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BOARD OF TRUSTEES OF PUBLIC FUNDS FOR THE STATE OF VERMONT

Hon. Fred E. Caswell	*Derby*
Hon. Frederick H. Farrington	*Brandon*
Hon. Robert E. Smith	*Hartford*

* Deceased.

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President

EZRA BRAINERD, D.D., LL.D., SC.D.
President-emeritus

HENRY MARTYN SEELY, A.M., M.D.
Professor-emeritus of Natural History

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Professor of Rhetoric and English Literature, and Acting Dean

WILLIAM WESLEY MACGILTON, A.M.
Professor of Chemistry

MYRON REED SANFORD, A.M., L.H.D.
Professor of the Latin Language and Literature

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EDWARD DAY COLLINS, PH.D.
Professor of Pedagogy

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Professor of Secondary Education

EVERETT SKILLINGS, A.M.
Professor of German

AVERY ELDORUS LAMBERT, PH.D.
Burr Professor of Natural History

ARCHIBALD DARIUS WETHERELL, A.M.
Assistant Professor of History

DUANE LEROY ROBINSON, A.M.
Assistant Professor of French, Levi P. Morton Foundation

G. Watts Cunningham, ph.d.
Assistant Professor of Philosophy

Frank William Cady, b.litt. (oxon.), a.m.
Assistant Professor of English

Phelps Nash Swett, s.b.
Assistant Professor of Engineering

Raymond Henry White, a.m.
Assistant Professor of Latin

Chauncey Allan Lyford, b.s., a.m.
Assistant Professor of Geology

John Allen Morgan, a.m.
Assistant Professor of Political Economy

Perley Conant Voter, a.m.
Assistant Professor of Chemistry

Edward Royce, a.b.
Assistant Professor of Music

Vernon Charles Harrington, l.h.d.
Assistant Professor of English and Public Speaking

Charles Francis Abbott, a.m., ll.b.
Assistant Professor of Government and Law

Llewellyn R. Perkins, a.b., b.s., a.m.
Assistant Professor of Mathematics

Edwin Noyes Holmes, a.b., b.p.e.
Assistant Professor of Physical Education

Frank Eugene Howard, ph.d.
Assistant Professor of Pedagogy

Luther Isaac Bonney, a.b.
Assistant Professor of Mathematics

Eleanor Sybil Ross, a.b.
Dean of Women, and Assistant Professor of English

RUTH GRAHAM, B.S.
Assistant Professor of Home Economics

WILFRED EDWARD DAVISON, A.B.
Instructor in German

CHARLES ST. CLAIR WADE, A.M.
Instructor in Romance Languages

ARTHUR RANDALL DAVIS, A.B.
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Secretary to the Assistant Dean

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Superintendent of Buildings and Grounds

MRS. WILLIAM MILLS
Superintendent of Women's Dining Hall and Matron of Pearsons Hall and Battell Cottage

ADA E. BRISTOL
Matron of Hillside Cottage

FACULTY COMMITTEES

ADMINISTRATION

WRIGHT, MACGILTON, BRYANT, ROBINSON, WILEY

CURRICULUM

COLLINS, BURRAGE, LYFORD, HOWARD, DAVISON

ADMISSION

CADY, ROBINSON, WHITE, MORGAN, WILEY

GRADUATE WORK

SANFORD, LAMBERT, WHITE, PERKINS, DAVIS

LIBRARY

ABBOTT, SKILLINGS, SANFORD, VOTER, ROYCE

ATHLETICS

WETHERELL, SWETT, HARRINGTON, HOLMES, LAMBERT

STUDENT LIFE

MCFARLAND, HARRINGTON, CUNNINGHAM, WILEY,
MISS ROSS

STUDENT RESIDENCES

PERKINS, BRYANT, CADY, BONNEY, HOLMES

ADMISSION

PREPARATION FOR COLLEGE

IT is the desire of Middlebury College to relate its work to that of high schools and academies by offering admission, as far as possible, to students who have completed in a creditable manner a four years' course of study in a good secondary school. The College does not wish to dictate what studies shall be pursued in high school, and in the matter of admission credits will deal fairly with any subject which principals, teachers, and governing boards of secondary schools think most useful for their pupils. For certain courses, however, certain subjects are prerequisites to work of college grade, and these are specified in the following sections.

While no general counsel can take the place of the advice of a principal who knows the student, it may be said that thorough training in the use of good English is indispensable in any high school course. Algebra, Geometry, and at least one foreign language are essential to a preparatory scientific course. A preparatory classical course must contain Latin, and may well include Greek. Although Greek may be begun in College, the loss to the student who does not offer it for admission is greater than is often imagined, and the student who would devote special attention to literature, history, or philosophy is advised to fit himself in the language which is at the root of all modern culture.

METHODS OF ADMISSION

ADMISSION to College may be gained by either of two methods:

1. *By Certificate:*

a. Students in New England from schools upon the approved list of the New England College Entrance Certificate Board will be admitted on certificate of their high school principals. No total certification for less than seven points will be considered, but the seven points need not all be from one school. Blank certificates will be mailed to principals upon application.

b. Students outside of New England from schools upon the approved lists in their respective states will be admitted on the same basis as those from approved schools in New England.

Schools not upon the approved list of the Certificate Board, but meeting its requirements in respect to curriculum, teaching staff, and equipment, may, for the purpose of showing their standard of certification, send one or more students on certificate, if arrangements for so doing are concluded with the Board before April 1. Inquiries on this subject may be addressed to Professor Frank W. Nicolson, Secretary of the Board, Wesleyan University, Middletown, Ct.

c. Students who have taken the examinations of the College Entrance Examination Board may present certificates from the Board and will be given credit for all courses in which they have attained 60 per cent, the passing grade of the College. All applications for the Board examinations, which will be held June 19–24, 1916, must be addressed to the Secretary of the College Entrance Examination Board, Hamilton Hall, Post Office Station H, New York, and must

be made upon a blank form to be obtained from the Secretary of the Board on or before June 5, 1916, for examinations at points in the United States on or east of the Mississippi River. The examination fee is $5.

d. Students who have passed the examinations of the Board of Regents of the State of New York will be credited upon certificate for all such courses.

2. *By Examination:*

These examinations are of two kinds:

Method I. Students using this method must take examinations in all subjects offered for entrance. It may also be used to make up deficiencies due to partial certification.

Method II. Students using this method may be admitted after successfully passing examinations in certain assigned subjects. Regulations concerning both these methods are given in the following pages. Examinations are held at Middlebury in June and September. It is also possible to take the examinations in June under the supervision of the candidate's high school principal. Inquiries concerning the examinations should be made of the Assistant Dean.

REQUIREMENTS FOR ADMISSION

DEFINITION OF ADMISSION POINTS

LATIN: Four points required for admission to the A.B. Course; two, three, or four optional for admission to the B.S. Course.

In general, that proficiency in the subject is required which results from a study of Latin in a systematic course of five lessons a week for four school years.

Grammar and Composition. The requirement is that there

shall be in memory a vocabulary of the prose authors which have been read in the school, a masterful knowledge of the inflections, including the common irregular forms, and such familiarity with the rules of syntax as shall enable the candidate to write simple Latin prose. The proficiency expected is such as is gained by continual exercises in prose composition during all the years of preparation.

The authors and amounts to be carefully studied in the class-room are as follows: Caesar: *Gallic War*, Books I-IV; or connected readings from Caesar: *Gallic War*, *Civil War*, and Nepos: *Lives*, not less in amount than Caesar: *Gallic War*, Books I-IV.

Cicero: *Orations against Catiline*, *Poet Archias*, and the *Manilian Law*; or connected readings from Cicero: *Orations*, *Letters*, *De Senectute*, and Sallust: *Catiline*, *Jugurthine War*, not less in amount than the four *Orations against Catiline*, *Poet Archias*, and the *Manilian Law*.

Vergil: *Aeneid*, Books I-VI; or Vergil: *Aeneid*, Books I, II, IV, or VI, and 2500 additional verses of any work of either Vergil or Ovid.

The examination will contain (1) passages for translation from the authors suggested above; (2) sight passages suited to the proficiency resultant from the reading of authors indicated above; (3) questions on forms, syntax, literature, history, and prosody of the passages. Special importance will attach to the candidate's ability to deal intelligently with forms and syntax.

In the preparatory work, too much emphasis cannot be placed on accurate and continued reading of the Latin, on the thorough memorizing of a few attractive passages of text, and on constant drill at the board in composition and syntax, especially such as finds illustration in the passages memorized.

For the convenience of candidates, the examination may be divided into Preliminary and Final, to be taken in successive years.

GREEK: Three points, optional.

The examination in Greek presupposes a three years' course of five exercises a week. It may be divided between two successive years. The authors set for examination are Xenophon: *Anabasis*, Books I-IV; Homer: *Iliad*, Books I-III, omitting the Catalogue.

The examination in Homer and Xenophon will contain also sight passages from both these authors, and questions on prosody, literature, history, and antiquities. There will also be an examination in Grammar and Composition, testing the candidate's knowledge of meanings, forms, and syntax and his ability to write detached sentences. This examination will be based on a passage taken from somewhere in the second book of the *Anabasis*, and presupposes daily drill continued through two years.

GERMAN: Three points, optional.

Examinations will include a practical test on oral and aural training; schools certifying candidates for admission will be required to state in the certificate whether the candidate has had proper training of this kind, and the attention of teachers is specially called to this requirement. By oral and aural training is meant that the candidate has been constantly trained in pronunciation, dictation, and free reproduction (at first in English and later in German) of German anecdotes read aloud by the teacher. No credit will be given for certificates of admission covering a shorter course than that prescribed in the Elementary requirement as stated below, except to candidates offering four years of Latin and three of Greek.

I. Elementary: *Two points.*

The Elementary requirement embraces a systematic course of four or five periods a week, extending over two school years.

During the first year the work should comprise: (1) careful and continuous training in oral and aural elements, includ-

ing drill in pronunciation, writing German from dictation, reproducing in English German anecdotes read aloud by the teacher, simple questions and answers on the reading-matter; (2) memorizing and frequent repetition of common idiomatic expressions; (3) drill upon inflection of adjectives with nouns, of pronouns, weak verbs, and the more common strong verbs; upon word order and the use of the modal auxiliaries and the more common prepositions; (4) the reading of 75 to 100 pages of easy prose, with constant practice in retroversion (the teacher translating a sentence from a review passage into English and the pupil turning it back into the exact German of the text) and in translating into German easy variations of sentences selected from the reading lesson (the teacher giving the English).

During the second year the work should comprise: (1) the reading of 150 to 200 pages of easy prose, it being recommended that none of the classic drama be read in the second year; (2) continuation of the oral and aural training of the first year; (3) accompanying practice in retroversion and free reproduction, and translation into German of easy variations of short and easy selected passages; (4) continued drill upon the rudiments of grammar.

II. Intermediate: *One point.*

The Intermediate requirement calls for a third year's work, which should comprise, in addition to the Elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice, as in the Elementary course, in oral and aural elements, and in giving paraphrases or reproductions from memory of selected portions of the reading-matter; also grammatical drill upon the less usual strong verbs, use of articles, cases, auxiliaries of all kinds, tenses, and modes (with special reference to the infinitive and subjunctive), and likewise upon word order and word formation.

By the end of the third year the student should be able to dispense, for the most part, with translating into English.

For suggestions as to good reading-matter for both the Elementary and the Intermediate course, the *Report of the Committee of Twelve* (D. C. Heath and Co., Boston) is recommended.

FRENCH: Three points, optional.

Examinations will include a practical test in oral and aural training; schools certifying candidates for admission will be required to state on the certificate whether the candidate has had proper training of this kind, and the attention of teachers is specially called to this requirement. By oral and aural training is meant that the candidate has been constantly trained in pronunciation, dictation, and the free reproduction (at first in English and later in French) of anecdotes read aloud in French by the teacher. No credit will be given for certificates of admission covering a shorter course than that prescribed in the Elementary course as stated below, except to candidates offering four years of Latin and three years of Greek.

ELEMENTARY: *Two points.*

The Elementary requirement embraces a systematic course of four or five periods a week, extending over two school years. During the first year the work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, and the elementary rules of syntax, with constant drill upon exercises illustrating these principles; (3) the reading of at least 100 pages of graduated texts, with constant practice in writing in French easy sentences based on the texts read, and in free reproduction; (4) simple conversation, and the writing of French prose from dictation.

The work of the second year should include: (1) the reading of at least 200 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) con-

stant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, and in the writing of sentences illustrative of syntactical principles; (6) conversation, and the answering in French by the student of questions based on the text read; (7) retroversion and original composition.

INTERMEDIATE: *One point.*

The Intermediate requirement implies a systematic course of four or five periods a week, extending over a third school year. The work should comprise: (1) the reading of at least 400 pages of French of ordinary difficulty; (2) constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; (3) the study of a grammar of moderate completeness; (4) writing from dictation; (5) a continuation of the drill of the previous years in oral and aural training. During this year French should be, as far as possible, the language of the class-room, and by the close of the year students should be able to read intelligently, without translation, ordinary French prose or poetry.

ENGLISH: Three points. The requirements recommended by the Commission of Colleges in New England on Admission Examinations.

A. READING

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections* are to be made, except as otherwise provided under Group I.

I. CLASSICS IN TRANSLATION. The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exo-

* Each selection is set off by periods.

dus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther. The *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII. The *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI. The *Aeneid*. (The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.)

For any selection from the above group a selection from any other group may be substituted.

II. DRAMA. Shakespeare: *Midsummer Night's Dream. Merchant of Venice. As You Like It. Twelfth Night. The Tempest. Romeo and Juliet. King John. Richard II. Richard III. Henry V. Coriolanus. Julius Caesar.* Macbeth.* Hamlet.**

III. PROSE FICTION. Malory: *Morte d'Arthur* (about 100 pages). Bunyan: *Pilgrim's Progress*, Part I. Swift: *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag). Defoe: *Robinson Crusoe*, Part I. Goldsmith: *Vicar of Wakefield*. Frances Burney: *Evelina*. Scott's Novels: any *one*. Jane Austen's Novels: any *one*. Maria Edgeworth: *Castle Rackrent* or *The Absentee*. Dickens's Novels: any *one*. Thackeray's Novels: any *one*. George Eliot's Novels: any *one*. Mrs. Gaskell: *Cranford*. Kingsley: *Westward Ho!* or *Hereward, the Wake*. Reade: *The Cloister and the Hearth*. Blackmore: *Lorna Doone*. Hughes: *Tom Brown's School Days*. Stevenson: *Treasure Island*, *Kidnapped*, or *The Master of Ballantrae*. Cooper's Novels: any *one*. Poe: *Selected Tales*. Hawthorne: *The House of the Seven Gables*, *Twice Told Tales*, or *Mosses from an Old Manse*. A collection of *Short Stories* by various standard writers.

IV. ESSAYS, BIOGRAPHY, ETC. Addison and Steele: *The Sir Roger de Coverley Papers*, or selections from *The Tatler* and *The Spectator* (about 200 pages). Boswell: Selections from the *Life of Johnson* (about 200 pages). Franklin: *Autobiography*. Irving: Selections from the *Sketch Book* (about 200 pages), or *Life of Goldsmith*. Southey: *Life of Nelson*. Lamb: Selections from the *Essays of Elia* (about 100 pages). Lockhart: Selec-

* If not chosen for study under B.

tions from the *Life of Scott* (about 200 pages). Thackeray: Lectures on *Swift*, *Addison*, and *Steele* in the *English Humourists*. Macaulay: any *one* of the following essays: *Lord Clive*, *Warren Hastings*, *Milton*, *Addison*, *Goldsmith*, *Frederick the Great*, *Madame d'Arblay*. Trevelyan: Selections from the *Life of Macaulay* (about 200 pages). Ruskin: *Sesame and Lilies* or *Selections* (about 150 pages). Dana: *Two Years before the Mast*. Lincoln: *Selections*, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln. Parkman: *The Oregon Trail*. Thoreau: *Walden*. Lowell: *Selected Essays* (about 150 pages). Holmes: *The Autocrat of the Breakfast Table*. Stevenson: *An Inland Voyage* and *Travels with a Donkey*. Huxley: *Autobiography* and selections from *Lay Sermons*, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk. A collection of *Essays* by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers. A collection of *Letters* by various standard writers.

V. Poetry. Palgrave: *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns. Palgrave: *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B). Goldsmith: *The Traveller* and *The Deserted Village*. Pope: *The Rape of the Lock*. A collection of English and Scottish *Ballads:* as, for example, some *Robin Hood* ballads, *The Battle of Otterburn*, *King Estmere*, *Young Beichan*, *Bewick and Grahame*, *Sir Patrick Spens*, and a selection from later ballads. Coleridge: *The Ancient Mariner*, *Christabel*, and *Kubla Khan*. Byron: *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon*. Scott: *The Lady of the Lake* or *Marmion*. Macaulay: *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, and *Ivry*. Tennyson: *The Princess*, or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*. Browning: *Cavalier Tunes*,

The Lost Leader, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "*De Gustibus—*", and *Instans Tyrannus*. Arnold: *Sohrab and Rustum* and *The Forsaken Merman*. Selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

B. Study

One selection to be made from each group.

I. Drama. Shakespeare: *Julius Caesar*. *Macbeth*. *Hamlet*.

II. Poetry. Milton: *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*. Tennyson: *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*. The selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

III. Oratory. Burke: *Speech on Conciliation with America*. Macaulay's *Speech on Copyright* and Lincoln's *Speech at Cooper Union*. Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*.

IV. Essays. Carlyle: *Essay on Burns*, with a selection from Burns's *Poems*. Macaulay: *Life of Johnson*. Emerson: *Essay on Manners*.

HISTORY: Three or five points, optional.

1. Greek History: *One-half point.*

The history of Greece to the death of Alexander.

2. Roman History: *One-half point.*

The history of Rome through the reigns of the Antonines.

3. Medieval European History: *One-half point, or one point.*

To the fall of Constantinople.

4. Modern European History: *One-half point, or one point.*

From the fall of Constantinople.

5. English History: *One-half point, or one point.*

6. American History: *One-half point, or one point.*

Preparation in History will be given credit upon the basis of time devoted to each branch of the subject, rather than upon the amount of ground covered. The training in History should require comparison and the use of judgment on the pupil's part, rather than the mere exercise of memory. Good text-books, collateral reading, practice in writing, and accurate geographical knowledge are essential.

CIVICS: One-half point, optional.

A half-year's study in the principles, methods, and usages of American government.

ECONOMICS: One-half point, optional.

A high school course in Economics should run throughout the year, five periods a week. No absolute standard can be named as regards content. The course should emphasize the fundamental principles, avoiding the controversial features of the theory, and give as much attention as possible to the concrete facts of the business world.

MATHEMATICS: Three and one-half points, two and one-half points required.

a. Algebra: *One and one-half points.*

(1) To Quadratics: *One point.*

The four fundamental operations for rational algebraic expressions; factoring, determination of highest common factor and lowest common multiple by factoring; fractions, including complex fractions, ratio and proportion; linear equations,

both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including the fractional and negative.

(2) Quadratic Equations, Binomial Theorem, and Progressions: *One-half point.*

Simple cases of equations with one or more unknown quantities that can be solved by the methods of linear or quadratic equations. Problems depending upon quadratic equations. The binomial theorem for positive integral exponents. The formulas for the *n*th term and the sum of the terms of arithmetic and geometric progressions, with applications.

b. Plane Geometry: *One point.*

The usual theorems and constructions of good text-books, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle. The solution of numerous original exercises, including loci problems. Application to the mensuration of line and plane surfaces.

c. Solid Geometry: *One-half point, optional.*

The usual theorems and constructions of good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle. The solution of numerous original exercises, including loci problems. Application to the mensuration of surfaces and solids.

d. Logarithms and Plane Trigonometry: *One-half point, optional.*

(1) Definitions of the functions of an acute angle; relations between these functions; proof of identities and solution of equations based upon these relations. Solution of right

triangles by the use of logarithms; application to practical problems.

(2) Definitions and periodicity of the functions of any angle.

(3) Derivation of the formulas for the functions of A + B, 2 A, and ½ A. Application of these formulas in proving identities and solving equations. Inverse functions.

(4) Derivation of the Laws of Sines, Cosines, and Tangents. Solution of oblique triangles by the use of logarithms.

PHYSICS: One point, optional.

The candidate's preparation in Physics should include:

(1) The study of at least one standard text-book, supplemented by the use of many and varied numerical problems, to the end that the pupil may gain a comprehensive and connected view of the most important facts and laws in Elementary Physics.

(2) Instruction, by lecture-table demonstrations, upon the general principles involved in the pupil's laboratory investigations.

(3) Individual laboratory work, comprising at least thirty-five exercises. Every candidate must present as a part of the examination a note-book, certified by the teacher, and containing in the candidate's own language a description of his laboratory exercises, the steps, observations, and results of each exercise being carefully recorded. The note-book must afford clear evidence of the pupil's ability to make accurate observations and to draw correct conclusions. Students who have not had the individual laboratory work may receive credit for one-half point.

CHEMISTRY: One point, optional.

The preparation in Chemistry should include individual laboratory work, comprising at least forty exercises selected from a list of sixty or more; instruction by lecture-table demonstrations, to be used mainly as a basis for questioning upon the general principles involved in the pupil's laboratory in-

vestigations; the study of at least one standard text-book, to the end that the pupil may gain a comprehensive and connected view of the most important facts and laws of Elementary Chemistry. Students who have not had the individual laboratory work may receive credit for one-half point.

BOTANY: One-half point, optional.

A half-year's text-book study of the morphology and physiology of seed and seedling, stem, root, leaf, flower, and fruit, together with the preparation of a note-book containing accurate laboratory studies on the morphology of the above organs.

PHYSIOLOGY: One-half point, optional.

The preparation in Physiology should include a study of the nature of foods and their history in the body; the essential facts of digestion, absorption, circulation, secretion, excretion, and respiration; the motor, nervous, and sensory functions; and the structure of the various organs by which these operations are performed. A note-book with careful outline drawings of the chief structures studied anatomically, together with explanations of these drawings, and the study of a good text-book are essential.

ZOÖLOGY: One-half point, optional.

A half-year's work in general natural history of common animal types; physiology of types studied and comparison of processes of animals and plants; classification of animals into phyla and leading classes, and the great characteristics of these groups; preparation of a note-book containing accurate laboratory studies of types, such as protozoan, sponge, hydra, worm, clam, insect, frog.

PHYSICAL GEOGRAPHY, OR PHYSIOGRAPHY: One-half point, optional.

One-half year in the study of a good modern text-book, together with weekly laboratory and field exercises.

ASTRONOMY: One-half point, optional.

A half-year's work, including the following among the chief topics: *The Celestial Sphere:* designation of the directions of a heavenly body. *The Earth:* its axial rotation; time, latitude, longitude; its orbital revolution; precession, aberration, the seasons, equation of time, the calendar. *The Moon:* its axial rotation, orbital motion, librations, phases, surface features, physical condition; lunar and solar eclipses. *The Sun:* its rotation, physical characteristics, light, and heat. *The Planets:* apparent and real motions, individual characteristics. *The Law of Gravitation:* its control of the solar system; the tides. *Comets and Meteors:* their nature and motions. *The Stars:* designation, classification by constellations; motions, distance, brightness; variables. *Stellar Systems:* clusters, nebulae; the stellar universe, cosmogony.

FREE-HAND DRAWING: One point, optional.

A full year's work in drawing should include simple geometrical plane and solid figures, the simple pieces of machinery, with a fair knowledge of the rules of perspective and light and shade as applied in free-hand sketching. The student should complete at least twenty drawings.

MECHANICAL DRAWING: One point, optional.

At least eighty hours should be presented for credit in Mechanical Drawing. The work should cover the use of the instruments, simple geometrical drawings, projection drawings of solids and simple machine parts (or its equivalent), penciling, and inking. It is desirable that the applicant should have some instruction in lettering and proper dimensioning. He should be able to read simple drawings. Plates must be presented to show the ground covered and the quality of the work. These should be certified by the instructor.

CERTIFICATION AND EXAMINATION METHOD I

For admission to either course by certificate or by Examination Method I, fourteen points, or admission credits, are required. A point is a preparatory subject pursued one year with five recitation periods a week. Nine and one-half points in each course are required; the remainder of the fourteen may be made up from the list of options.

There can be no substitutions for the required points. Equivalents up to two points may be offered for the optional points, but these equivalents must meet the approval of the College as to both the quantity and the quality of the work done.

The required and optional subjects are indicated below.

REQUIRED POINTS

FOR THE A.B. COURSE		FOR THE B.S. COURSE	
Latin	4	English	3
English	3	Latin, German, or French	2
Algebra	1½	Algebra	1½
Geometry	1	Geometry	1
		Two points from the following list:	
		Physics	1
		Chemistry	1
		Botany	½ or 1
		Physiology	½
		Zoölogy	½
		Physical Geography	½
		Astronomy	½
		Solid Geometry	½
		Plane Trigonometry	½

OPTIONAL POINTS

(*Any four and one-half for either course*)

Latin	2, 3, or 4	Economics	½
Greek	2 or 3	Solid Geometry	½
German	2 or 3	Plane Trigonometry	½
French	2 or 3	Physics	½ or 1
Greek History	½	Chemistry	½ or 1
Roman History	½	Botany	½
Medieval European History	½ or 1	Physiology	½
		Zoölogy	½
Modern European History	½ or 1	Physical Geography	½
		Astronomy	½
English History	½ or 1	Mechanical Drawing	1
American History	½ or 1	Free-hand Drawing	1
Civics	½		

EXAMINATION METHOD II

To be admitted under this plan, a candidate

1. Must present evidence of an approved school course satisfactorily completed; and

2. Must show in four examinations as explained below that his scholarship is of satisfactory quality.

SCHOOL RECORD

A candidate must present to the Committee on Admission evidence of his secondary school work in the form of an official detailed statement showing

(*a*) The subjects studied by him and the ground covered;

(*b*) The amount of time devoted to each;

(*c*) The quality of his work in each subject.

To be approved, this statement must show

(*a*) That the candidate has satisfactorily completed a four year secondary school course;

(*b*) That his course has been concerned chiefly with languages, science, mathematics, and history;

(*c*) That two of the studies of his school programme have

been pursued beyond their elementary stages, *i.e.*, to the stage required by the present advanced examinations of Middlebury College.

THE EXAMINATIONS

If the official detailed statement presented by the candidate shows that he has satisfactorily completed an approved secondary school course, he may present himself for examination in four subjects, as follows:

(*a*) English;

(*b*) Latin or Greek; or, for a candidate for the B.S. degree, two years of Latin, or French, or German;

(*c*) Mathematics, or Physics, or Chemistry;

(*d*) Any subject, not already selected under (*b*) or (*c*), from the following list: Greek, French, German, History, Latin, Mathematics, Physics, Chemistry.

INSTRUCTIONS TO THOSE DESIRING TO BE ADMITTED UNDER METHOD II

All candidates except those eligible for certification are advised to use this method of entrance. Candidates who have taken advanced work in any subject in which they are examined must answer from the questions on the paper a certain number drawn from this advanced work. For instance, candidates who have had three years of French will be expected to answer the questions in the advanced section of the paper. Each person who examines papers of any candidate will be furnished with a copy of the candidate's school record, and will return to the Committee on Admission, with the candidate's paper, a judgment upon it in which the school record is taken into account.

Under this plan it will be impossible for any can-

didate to incur entrance conditions. He will be either admitted or refused admittance. His total record must clearly show that he is a desirable student. No subject will be counted by itself; the basis of admission is the work as a whole. If the candidate is refused admission, he cannot be credited with certain examinations and allowed to complete the record at some future time. Subsequent application for admission will involve the repetition of all the examinations.

ENTRANCE CONDITIONS

STUDENTS entering by certificate may matriculate conditioned two points. Students entering entirely by Examination Method I must, before matriculation, take examinations covering twelve points and including the required subjects. They may, at the discretion of the Admission Committee, enter conditioned in not more than four points, only two of which may be in required subjects. Under Examination Method II, as already stated, entrance conditions cannot be incurred.

Entrance conditions may be removed by any of the following methods:

1. By examination. The regular entrance examinations of June and September furnish convenient opportunities for those wishing to avail themselves of this method. Examinations will also be offered at the regular times for removing college conditions.

2. By work in the Summer Session, if the necessary courses are given.

3. By an average of 80 per cent in all the work of the first semester, which will remove entrance conditions not exceeding two points. An average of 80 per cent in all the work of the second semester will remove conditions in excess of two

points, provided in each case that the student's grade in no subject falls below 70 per cent.

4. By taking extra subjects in the second semester, in accordance with the rules.

5. By the operation of the following rule: Entrance conditions remaining at the opening of a student's second year will be canceled by deducting three credits from his college record for each unit or fraction thereof; but this shall not be construed as prejudicing any work that he may have done toward satisfying major and minor requirements, or in meeting his prescribed courses. After the opening of his second year, no student may take any examination to remove entrance conditions.

GENERAL DIRECTIONS

APPLICATIONS for admission may be made upon forms furnished by the Dean's office. After they have been received, the necessary blanks for admission by certificate or for application for examination by either plan will be sent out. Certificates are always sent to the principal of the school; other blanks are sent to the candidate. It will not be necessary for those who desire to combine admission by certificate and by Examination Method I to file a separate application for examination, except as the Committee shall request.

ADMISSION
TO ADVANCED STANDING

A CANDIDATE for admission to advanced standing who comes from an approved institution of collegiate rank may receive credit, without examination, for work done at such institution, if he presents a detailed statement of his previous work. This statement should

include a full list of preparatory subjects accepted for admission by the institution previously attended, and also a list of the subjects taken there for which credit has been attained. A letter of honorable dismissal from the institution last attended must also be presented.

Every other candidate for admission to advanced standing must first satisfy the entrance requirements of the course which he desires to enter. He may then receive credit for any subject included in the curriculum of that course in which he can pass a satisfactory examination. Such students, not coming from other colleges, will be required to pay a fee of $5 if admitted to the Sophomore class, or $10 if admitted to higher rank.

THE COLLEGE CURRICULUM

ORGANIZATION

THE courses of instruction offered by Middlebury College are organized in twenty departments. A brief description of each course will be found in another part of the Catalogue. The departments are arranged in three groups, as shown in the following table:

Group One	*Group Two*	*Group Three*
English	Economics	Biology
German	Fine Arts	Chemistry
Greek	History	Drawing and Surveying
Latin	Music	Geology
Romance Languages	Pedagogy	Home Economics
	Philosophy	Mathematics
	Physical Education	Physics
	Political Science	

Most of the courses offered in these departments are lettered A, B, or C. The letters refer to the value of the courses in completing major and minor requirements; in general, courses of A grade are introductory, courses of B grade more advanced, while courses of C grade represent either the highest work offered in each department, qualitatively, or that which comes last in order; and admission to courses of advanced grade is gained only by completing one or more appropriate courses of lower grade which are designated prerequisites.

THE WORK OF THE FRESHMAN YEAR

EVERY member of the Freshman class is required to take English 1-2, Mathematics 1-2, and the required work in Physical Education; to choose three hours a week from the following courses: Greek 1-2 or 13-14, Latin 1-2, German (including 1a-2a), and French;* and to complete the requirement of eighteen hours a week by electing from the following courses: Biology 1-2, Chemistry 1-2, History 1-2, Drawing and Surveying 1-2, Pedagogy 1-2 (or Pedagogy 1 and Philosophy 2), and Physics 1-2. Freshmen who give evidence by special examination that they are qualified to enter courses of higher grade in any department open to them are admitted to such courses.

Freshmen will be placed in those courses in modern language for which, in the judgment of the instructor, they are best fitted. No student will receive credit for doing work in college of the same grade as that for which he has already received entrance credit. In meeting requirements for graduation, but not in fulfilling the requirements of majors and minors, admission credits of two points in a modern language are rated as the equivalent of two beginners' courses, and admission credits of three points as the equivalent of two A courses.

* With these exceptions: (1) that a student who on entrance secures credit for three years of a modern language may substitute for three hours of the modern language requirement one of the electives open to Freshmen; and (2) that a candidate for the degree of Bachelor of Arts who completes the ancient language requirement by taking Latin may substitute for the modern language requirement courses of equivalent grade in Greek.

MAJORS AND MINORS

Upon the completion of his Freshman year, each student determines in a general way what the character of his work shall be during the remainder of his college course. This is accomplished by what is known as the system of majors and minors. A major may be defined as a subject which a student elects to pursue in college through six lettered courses (18 hours) of one department, of which not more than two courses shall be of A grade and not less than two shall be of C grade. A few courses may be counted toward fulfilling major requirements in more than one department. These are specified in the description of such courses. A minor consists of a subject which a student elects to pursue in college through four graded courses (12 hours) of one department, of which not more than two courses shall be of A grade. Each prospective Sophomore registers his choice of two majors and two minors to be completed before he graduates. Lettered courses that have been taken in the Freshman year may be counted toward fulfilling major and minor requirements.

One purpose of the system of major and minor subjects of study is to secure for each student a sufficient distribution of his elective courses in the three main groups of instruction, so that he shall secure that liberal culture which college training should impart, while at the same time he is enabled to concentrate his study in one or more fields sufficiently to attain in them a certain degree of specialization. This two-fold purpose is accomplished by the manner in which major and minor subjects are chosen. Three steps should be care-

fully followed: in determining one's choice of majors and minors care must be taken that the two majors are chosen from different groups; that the two minors are likewise chosen from different groups; and that each of the three groups is represented.

FREE ELECTIVES

A STUDENT secures approximately one-half of the total number of credits required for graduation in meeting the major and minor requirements, as described above. The remaining credits necessary for graduation he may gain by the completion of any courses which are described as open to election by the class of which he is a member. With a few exceptions, all courses are open to election by two classes, and a large number of the intermediate or B courses to three classes. A few courses are unlettered. These may be chosen as free electives in the years designated and will be counted for credits toward graduation like other courses, but may not be counted toward fulfilling major and minor requirements. Free electives, like graded courses, are open to election by two classes at least. Before registering, students should consult carefully the hours at which the different courses are scheduled to recite.

RECITATION REQUIREMENTS

THE normal number of courses of study required of each Sophomore, Junior, and Senior is five. The circumstances under which more or less than this number may be taken are explained in the rules. All courses,

unless otherwise stated, are conducted three hours a week, so that the customary amount of class-room work required of the three upper classes is fifteen recitation hours a week, exclusive of preparation. When satisfactorily completed, each hour of recitation a week for each semester counts one credit toward graduation. One hundred and twenty credits of appropriately selected work must be completed for the attainment of either the degree of Bachelor of Arts or that of Bachelor of Science, the two baccalaureate degrees conferred by Middlebury College. The Class of 1919 and succeeding classes must complete 123 credits for graduation.

REQUIREMENTS FOR GRADUATION

The following courses must be included in the credits required for graduation: for every student one A course in English and two A courses in either French, German, or Spanish.* Every candidate for the degree of Bachelor of Arts must also complete two courses of B grade in Latin or Greek, and every candidate for the degree of Bachelor of Science must complete two courses of B grade in Mathematics. Members of the Class of 1919 and succeeding classes must also complete the requirement in Physical Education for Freshmen.

* Except that a candidate for the degree of Bachelor of Arts who completes the ancient language requirement by taking Latin may substitute for the modern language requirement courses of equivalent grade in Greek.

REGISTRATION

EVERY student is required to register his election of courses at the Registrar's office at the beginning of each semester. Upon the payment of his semester bills, he receives admittance cards to the courses elected. No student will be received in any recitation until he presents to the instructor in charge a card from the Registrar's office admitting him to the course. Students who have gained credits toward admission to college in any study which is offered in the curriculum will ordinarily be required to elect some other study in its place. This may be an advanced course in the same department or a course in some other department. A Freshman who is admitted to college without conditions may request of the Registrar, at the time he registers, that he be given an examination for college credit in any subject of the Freshman year. If he passes such an examination with a grade of 75 per cent, credit will be allowed for the course toward either degree. A student who passes any subject in this manner will be required to carry the normal number of recitations a week from the studies open to election by his class.

DEPARTMENTS AND COURSES OF INSTRUCTION

INSTRUCTION in all departments is open to the students of the Women's College, on equal terms with the men, under the same conditions of election, and with the same requirements for graduation.

Classes meet three hours a week in all courses unless otherwise stated. Courses with odd numbers are given in the first semester, those with even numbers in the second semester. The capital letter following the title of a course indicates the grade of that course. No unlettered courses can be counted for majors or minors. Prerequisite courses are shown in parentheses. A hyphen between two course numbers signifies that both are prerequisite. Bracketed courses will not be given in the current year.

BIOLOGY

Professor LAMBERT

1. INTRODUCTORY ZOÖLOGY. A

A presentation of the general principles of biology from the viewpoint of animal structure. The plan of study includes protoplasm as fundamental living substance; the cell; the phenomena of growth and differentiation as illustrated by selected types of unicellular and multicellular animals. Lectures, recitations, selected readings, and the study of typical forms in the laboratory.

Laboratory fee, $5. *Freshmen and Sophomores.* T., Th., 10.30, 11.30; S., 11.30.

2. Introductory Botany. A

An introduction to the study of biology from the viewpoint of plant structure. Lectures, recitations, and laboratory study of types illustrating the growth and differentiation of plants.

Laboratory fee, $5. *Freshmen and Sophomores.* T., Th., 10.30, 11.30; S., 11.30.

3. Cryptogamic Botany. B

A survey of the principal groups of the non-flowering plants. While the course is fundamentally systematic, special attention is given the Algae and Fungi, especially the latter, in their relation to plant diseases. The course includes a discussion of the evolution of plants, in lectures and recitations, and laboratory examination of typical members of this division of the plant kingdom. (Biol. 1 or 2.)

Laboratory fee, $5. *Sophomores, Juniors, and Seniors.* T., Th., 8.30, 9.30; S., 10.30.

4. Phanerogamic Botany. B

The object of this course is to familiarize the student with the morphological characters on which the analysis and determination of the flowering plants is based. The work consists of recitations, laboratory study of the principal facts concerning the structure of the higher plants, and analysis of typical plants with the aid of Gray's Manual. (Biol. 1 or 2.)

Laboratory fee, $5. *Sophomores, Juniors, and Seniors.* T., Th., 8.30, 9.30; S., 9.30.

5. Invertebrate Zoölogy. B

This course deals with the principal types of the invertebrate animals, including an investigation of their structure, habits, and relationships. Lectures, recitations, and laboratory examination of typical representatives of the group. (Biol. 1 or 2.)

Laboratory fee, $5. *Sophomores, Juniors, and Seniors.* M., W., 8.30, 9.30; F., 9.30.

6. Vertebrate Zoölogy. B

The plan outlined for Biology 5 is applied, in Biology 6, to the study of the vertebrate animals. These courses are especially recommended for students who plan to teach, to enter medicine, or to pursue further studies in the subject. (Biol. 1 or 2.)

Laboratory fee, $5. *Sophomores*, *Juniors*, *and Seniors*. M., W., 8.30, 9.30; F., 9.30.

7. Mammalian Anatomy. C

This course deals with the special anatomy of a mammal, and is designed for students who are planning to teach biology or to enter medicine. The work includes lectures, demonstrations, and recitations. The dissection of a typical mammal and the preparation of tissues for microscopical examination are undertaken in the laboratory. This course alternates with 9. (Biol. 5 or 6.)

Laboratory fee, $5. *Juniors and Seniors.*

[8. Bacteriology. C]

Principles of bacteriology, methods employed in the study of bacteria, and the relation of the subject to sanitary science and household economics. The work includes lectures, recitations, and practical exercises in the making of culture media, quantitative and qualitative methods for the examination of air, soil, water, and milk, and the isolation and identification of specific forms. This course alternates with 10 and will be given in 1916–17. (Permission of instructor.)

Laboratory fee, $5. *Juniors and Seniors.*

9. Embryology. C

An introduction to the principal facts of embryology, and to methods of embryological study. Discussions concerning the origin of the generative cells, the phenomena of maturation and fertilization and their relation to the problems of

heredity, the origin of the germ layers, and the rise of the different organic systems of the body. The development of a chick and a mammal is studied in the laboratory, with exercises in the preparation of embryonic material for observation. This course alternates with 7 and will be given in 1916–17. (Biol. 6 or 7.)

Laboratory fee, $5. *Juniors and Seniors.*

10. Entomology. C

An introduction to the study of insects, their classification, structure, habits, and life histories. Particular attention is paid to their economic importance. The work consists of recitations, assigned readings, and study in the laboratory and field of representatives of the different classes of insects. The course alternates with 8. (Permission of instructor.)

Laboratory fee, $5. *Juniors and Seniors.*

CHEMISTRY

Professor MacGilton
Assistant Professor Voter
Mr. Davis

1. Descriptive Chemistry. A

Non-metallic elements, their principal compounds, and their relation to the metals; acids, bases, and salts, and their formation; electrolytic dissociation, ionization, Faraday's laws, and the theory of solution. Numerous chemical problems involving atomic and molecular weights, percentage composition, etc., are solved by the student. Lectures and recitations.

Laboratory fee, $5. *Freshmen and Sophomores.* I: M., W., F., 11.30. II: T., Th., S., 10.30. Professor MacGilton.

2. General Laboratory Chemistry. A

Lectures, recitations, and laboratory work on general de-

scriptive chemistry. By means of the study of the preceding semester the student is able to prepare the most important chemical compounds at his own desk. Full notes are kept by him of each step taken and each observation made, and frequent reports are presented to the instructor. The sources and industrial value of the substances handled are considered. (Chem. 1.)

Laboratory fee, $5. *Freshmen and Sophomores.* I: M., W., 10.30, 11.30; F., 11.30. II: T., Th., 10.30, 11.30; S., 11.30. Professor MacGilton and Mr. Davis.

3, 4. Qualitative Analysis. B

Special attention is given to the analytical reactions of each base and to practice in the separation of metals from each other in unknown liquid and solid mixtures. The characteristic reactions of acid radicals are studied and the complete constitution of unknown bodies is determined. (Chem. 1-2.)

Laboratory fee, $5 for each semester. Sophomores and Juniors. I: M., W., 2.00, 3.00; F., 3.00. II: T., Th., 2.00, 3.00; F., 3.00. Professor MacGilton and Mr. Davis.

5, 6. Quantitative Analysis. C

Lectures and laboratory work on general methods of quantitative chemistry. The use of the chemical balance; accuracy of measurement, and stoichiometric problems; gravimetric analyses, and complete analysis of a carbonate rock; the making of standard solutions; standardization of glass apparatus, and uses of various indicators in volumetric analysis; technical analysis of commercial products, and elementary experiments in electric analysis. (Chem. 3-4.)

Laboratory fee, $5 for each semester. Juniors and Seniors. M., W., F., 2.00, 3.00. Assistant Professor Voter.

8. Elementary Theoretical and Physical Chemistry. C

Lectures and reading. A course dealing with the historical de-

velopment of chemical theory, stoichiometry, and the application of physico-chemical principles to chemical problems. (Chem. 3-4.)

Juniors and Seniors. T., Th., S., 11.30. Assistant Professor VOTER.

9, 10. DESCRIPTIVE ORGANIC CHEMISTRY. B

A study of the genetic relationships of the more important classes of the carbon compounds and their typical reactions. Preparation, constitution, analysis, and synthetic methods especially emphasized. Study of petroleum and coal-tar products, ethers, alcohols, fats, sugars, etc. Lectures. (Chem. 3-4, at least simultaneously.)

Laboratory fee, $3 for each semester. Sophomores and Juniors. M., W., F., 9.30. Assistant Professor VOTER.

11, 12. ORGANIC PREPARATIONS. C

Chiefly laboratory work in the preparation and study of the typical organic compounds. Ultimate analysis. Proximate analysis of commercial and agricultural products. Testing. This course is designed to supplement and amplify Courses 9 and 10, and to provide a thoroughly practical training in Organic Chemistry. (Chem. 9-10.)

Laboratory fee, $5 for each semester. Juniors and Seniors. T., Th., S., 8.30, 9.30. Assistant Professor VOTER.

NOTE. A student may elect two, but not more than two, courses in Chemistry in each semester of Junior and Senior years.

DRAWING AND SURVEYING

Assistant Professor SWETT

1, 2. DRAWING. A

Lettering, title designing; geometrical problems, orthographic projection; problems relating to the point, line, and plane;

intersection and development of solids bounded by plane surfaces. In the second semester, working drawings; technical sketching; map and topographical drawing; tracing and blue printing; shading, perspective, and isometric drawing.

Freshmen and Sophomores. T., Th., S., 8.30, 9.30.

3. Descriptive Geometry. B

Problems relating to the plane and to single curved, double curved, and warped surfaces. (D. and S. 1-2.)

Sophomores, Juniors, and Seniors. M., W., F., 9.30, 10.30.

4. Machine Drawing and Sketching. B

Designing of machine parts, including gearing. (D. and S. 1-2.)

Sophomores, Juniors, and Seniors. M., W., F., 9.30, 10.30.

5, 6. Surveying and Plotting. B

Lectures, field work, and drafting. The use of the tape, compass, and transit is taught, followed by various forms of leveling instruments. (D. and S. 1-2, Math. 2.)

Sophomores, Juniors, and Seniors. T., 1.30 to 5.30, and one hour to be arranged.

7, 8. Advanced Surveying. C

Methods of topographic and geodetic surveying; mathematics of curves, with applications to highways and railroads. (D. and S. 5-6.)

Juniors and Seniors. Th., 1.30 to 5.30, and one hour to be arranged.

Note. Students who expect to take a course in a school of technology after graduation should consult the head of this department in regard to their election of subjects.

ECONOMICS

Assistant Professor MORGAN

1. PRINCIPLES OF ECONOMICS. A

A general introductory course, affording a systematic survey of the field of economics. The fundamental theories of economics and some of their more important applications and exemplifications are discussed.

Sophomores and Juniors. M., W., F., 10.30.

2. MONEY, CREDIT, AND BANKING. B

The fundamental principles of money, credit, and banking; their exemplification in the currency and banking history of the United States and the leading European countries; present-day conditions and problems. One-third of the time is devoted to laboratory exercises. (Econ. 1.)

Sophomores and Juniors. T., Th., S., 10.30.

[3. TRANSPORTATION AND TRADE. B]

Railway development, organization, administration, and regulation, with special emphasis on American railways; ocean transportation; introduction to industrial and commercial geography; international trade. This course alternates with 5. (Econ. 1.)

Juniors and Seniors.

5. ECONOMICS OF CORPORATIONS. B

The forms of business organization; growth of corporations in general; the promotion, organization, and management of typical corporations; government control; the trust problem. After 1916–17 this course will be graded C. (Econ. 1.)

Juniors and Seniors. T., Th., S., 11.30.

6. Problems of Labor. C

Conditions, wages, hours; history, policies, and influence of labor organizations, especially in the United States; methods of promoting industrial peace. (Econ. 1, and any B course in Ethics or Economics.)

Juniors and Seniors. T., Th., S., 9.30.

7. Public Finance. C

Government expenditures, revenue, and debt; examination of American and European tax systems, with special emphasis on present-day problems of taxation in the United States. After 1915–16 this course will be given in the second semester. (Any B course in Economics.)

Juniors and Seniors. T., Th., S., 10.30.

8. Sociology. A

Basis of society; social evolution; social institutions; modern social problems.

Sophomores and Juniors. I: M., W., F., 10.30. II: M., W., F., 11.30.

9. Philanthropy. B

Dependents, defectives, and delinquents; heredity and environment in relation to these abnormal classes; principles and methods applied in the prevention and treatment of crime and dependency, and in bettering physical and moral conditions. (Econ. 1; 8 or Phil. 1 or 5.)

Juniors and Seniors. M., W., F., 9.30.

Note. Philosophy 5, 6, 9, 10 may be counted toward a major in Social Science. Economics 6, 8, and 9 may be counted toward a major in Ethics.

ENGLISH

Professor WRIGHT
Assistant Professor CADY
Assistant Professor HARRINGTON
Assistant Professor ROSS

1. COMPOSITION AND RHETORIC

A laboratory and lecture course, based on a series of problems illustrative of the principles of unity, coherence, and emphasis.

Required of all Freshmen. I, Men: T., Th., 8.30; II, Women: T., Th., 9.30; III, Men: T., Th., 10.30; IV, Women: T., Th., 11.30; V, Men: T., Th., 2.00; VI, Women: T., Th., 3.00; Saturday divisions, 8.30, 9.30, 11.30. Professor WRIGHT and Assistant Professors CADY and ROSS.

2. COMPOSITION AND RHETORIC

A continuation of 1, together with a study of the paragraph, the sentence, and the word.

Required of all Freshmen. I, Men: T., Th., 8.30; II, Women: T., Th., 9.30; III, Men: T., Th., 10.30; IV, Women: T., Th., 11.30; V, Men: T., Th., 2.00; VI, Women: T., Th., 3.00; Saturday divisions, 8.30–11.30. Assistant Professors CADY and ROSS.

3. HISTORY OF ENGLISH LITERATURE. A

A rapid treatment of the successive phases of English literary development. The leading factors of English history are also discussed whenever they are necessary to an adequate understanding of the subject.

Sophomores and Juniors. I: M., W., F., 9.30. II: M., W., F., 10.30. Professor WRIGHT.

4. History of American Literature. A

A treatment of the successive phases of American literary development, similar to that of 3.

Sophomores and Juniors. M., W., F., 10.30. Assistant Professor Cady.

5, 6. Public Speaking. B

A study of the principles of the adequate and effective expression of ideas before an audience, together with practice in the application of these principles.

Sophomores, Juniors, and Seniors. M., W., F., 10.30. Assistant Professor Harrington.

7. The English Essay. C

A survey of the history of the Essay, with an examination of representative selections from the works of each author treated. (Eng. 3.)

Juniors and Seniors. T., Th., S., 10.30. Assistant Professor Harrington.

8. Fourteenth Century Literature. C

A study centering in Chaucer, but giving to the other authors of the period each his due place. (Eng. 3.)

Sophomores, Juniors, and Seniors. T., Th., S., 10.30. Assistant Professor Harrington.

9. The Comedies of Shakespeare. B

A study of the fundamental facts of Shakespeare's life and art, as illustrated in a selected number of the plays. (Eng. 3.)

Juniors and Seniors. M., W., F., 9.30. Assistant Professor Cady.

10. The Tragedies of Shakespeare. B

A treatment of Shakespeare's life and art, as illustrated in cer-

tain of the plays, similar to that of 9. The course may be elected, however, though 9 has not been taken. (Eng. 3.)

Sophomores, Juniors, and Seniors. M., W., F., 9.30. Assistant Professor CADY.

11. THE MODERN DRAMA. C

A treatment of the various phases of dramatic development characteristic of the drama of to-day, based upon the reading of typical dramas. (Eng. 9 or 10.)

Juniors and Seniors. M., W., F., 10.30. Assistant Professor CADY.

15. NINETEENTH CENTURY POETRY. C

A course conducted by means of lectures, assigned reading, and written tests. For lack of time, only the major poets of the period can be considered. (Eng. 3.)

Juniors and Seniors. M., W., F., 8.30. Assistant Professor HARRINGTON.

16. NINETEENTH CENTURY POETRY. C

A continuation of 15. The course may be elected, however, even though 15 has not been taken. (Eng. 3.)

Sophomores, Juniors, and Seniors. M., W., F., 8.30. Assistant Professor HARRINGTON.

23. THE PRINCIPLES OF LITERARY CRITICISM. C

A detailed study of the nature of literature, and of its intellectual, emotional, and formal elements. (Eng. 3 or 4.)

Juniors and Seniors. M., W., F., 3.00. Professor WRIGHT.

NOTE. The courses here outlined are those offered in 1915–16. Some of them alternate from year to year with other courses: as, the English Essay with the English Novel, or some other literary form; Nineteenth Century Poetry with Nineteenth Century Prose; the Principles of Literary Criticism with the Principles of Poetics.

FINE ARTS

Professor BURRAGE
Professor SANFORD

1. GREEK ART

Instruction is given by lectures and stereopticon talks, supplemented by extensive reading on the student's part. Written tests come every two weeks. The art and civilization of Assyria, Egypt, and other nations whose work had a formative influence on the Greeks are treated extensively by way of introduction to Greek Art proper.

Juniors and Seniors. M., W., F., 10.30. Professor BURRAGE.

2. ROMAN ARCHEOLOGY, ROMAN AND MEDIEVAL ART

The buildings and statuary of Ancient Rome and its colonies; an outline story of architecture, sculpture, and painting through the early Christian, Byzantine, Romanesque, Gothic, and Italian Renaissance movements, including the period of Raphael and Michael Angelo. The illustrations are by photographs and lantern slides.

Juniors and Seniors. M., W., F., 11.30. Professor SANFORD.

NOTE. Courses 1 and 2 were conducted for a number of years in connection with the work of the Greek and Latin Departments. The Department of Fine Arts, of which they are now a part, concerns itself at present with historical development.

GEOLOGY

Assistant Professor LYFORD

1. PHYSIOGRAPHY. A

A study of the atmosphere, climatic factors, storms, types of climate, weather forecasting, and the oceans.

Sophomores and Juniors. M., W., F., 8.30.

2. ECONOMIC PHYSIOGRAPHY. A

A study of nature as a system of forces in dynamic equilibrium. Conservation of natural resources. Natural factors limiting the extent of industry and civilization. Courses 1 and 2 furnish a basis for intelligent citizenship and teaching.

Sophomores and Juniors. M., W., F., 8.30.

[3. DYNAMIC AND STRUCTURAL GEOLOGY. B]

A course considering the natural agencies which have acted upon and within the earth from the most ancient times to mould it into its present form. Occasional use is made of the stereopticon and the field.

Sophomores, Juniors, and Seniors. T., Th., S., 10.30.

3, 4. HISTORICAL GEOLOGY. B

A course presenting the evolution of the earth and the living things upon it, illustrated by an extensive collection of fossils, maps, charts, and biological material. A few trips are offered to places of geologic interest. (Geol. 1 or 3.)

Sophomores, Juniors, and Seniors. T., Th., S., 10.30.

5, 6. MINERALOGY AND APPLIED GEOLOGY. C

Determinative and systematic mineralogy with blowpipe analysis, followed by a study of important rocks and their bearing upon agricultural, engineering, chemical, and other industrial pursuits. (Chem. 3-4.)

Laboratory fee, $3 for each semester. Juniors and Seniors. T., Th., S., 8.30, 9.30.

8. Physical Geology. C

Special studies along such lines as interpretation of earth features in the field and upon topographic maps, glacial theory and glaciation, continent and mountain-making movements of the earth's crust. (Geol. 3 and special permission of instructor.)

Juniors and Seniors. M., W., F., 9.30.

9. Geology and Organic Evolution. C

Relations between geologic activity and the evolution of organisms. The course of animal evolution as pictured by the geographic and geologic distribution of plants and animals on the earth. (Geol. 4.)

Juniors and Seniors. M., W., F., 9.30.

GERMAN

Professor Skillings
Mr. Davison

1, 2. Beginners' German

Essentials of phonetics, drill in pronunciation and in comprehending the spoken language; elements of grammar; memorizing of idioms and poems; dictation; reading of simple prose.

M., W., F., 9.30. Mr. Davison.

1a, 2a. Beginners' German

These courses are strongly recommended to students who wish a more thorough foundation in the elements than a three-hour course permits. They may be elected as two of the five

courses required of Freshmen, and count six points toward the A.B. or B.S. degree.

M., W., F., 2.00; T., Th., S., 9.30. Mr. Davison.

3, 4. Intermediate German. A

Rapid review of grammar; phonetics; sight reading; conversation; free reproduction and composition based on the texts read; reading and memorizing of poems; memorizing of idioms; grammar drill; outside reading. (Germ. 1-2, or two years of preparatory school German.)

I: T., Th., S., 8.30. II: M., W., F., 8.30. Mr. Davison.

5, 6. German for Reference Reading in Other Subjects. B

These courses aim to give the training which will enable one to consult German works of reference in history, science, and criticism; outside reading. (Germ. 3-4, or three years of preparatory school German.)

M., W., F., 10.30. Professor Skillings.

7, 8. The Classic Period; Practice in Writing and Speaking German. B

In the first semester, Lessing is the center of study; in the second semester, Schiller; advanced syntax; outside reading. (Germ. 3-4, or three years of preparatory school German.)

M., W., F., 11.30. Professor Skillings.

9. Goethe. C

A study of Goethe's development and influence, based on his selected works; outside reading in his works not read in class. Given in alternate years with 11. (Germ. 8.)

T., Th., S., 10.30. Professor Skillings.

10. A Survey of German Literature to the Classic Writers. C

A course designed to give a comprehensive knowledge of the great movements and the leading ideas in German literature from the beginnings till Goethe; outside reading. Given in alternate years with 12. (Germ. 8.)

T., Th., S., 10.30. Professor Skillings.

[11. German Literature in the First Half of the Nineteenth Century. C]

Romanticism, poets of the War of Liberation, the Swabian poets, Young Germany, the Drama; outside reading. Given in alternate years with 9. (Germ. 8.)

Professor Skillings.

[12. German Literature in the Second Half of the Nineteenth Century and the Present. C]

Realism, the Short Story, Naturalism, Symbolism; outside reading. Given in alternate years with 10. (Germ. 11.)

Professor Skillings.

[13], 14. Teaching Methods; Practice in Writing and Speaking. C

A study of German pronunciation; grammar, reading, and composition from the standpoint of the teacher; training in phonetics and the direct method; outside reading. Only students who have completed 14 will be recommended for practice teaching in the local high school or for teaching German after graduation. This course may be counted toward a major in Pedagogy. (Germ. 8, at least simultaneously.)

Juniors and Seniors. Professor Skillings and Mr. Davison.

17. Deutsches Seminar. C

The subject varies from year to year. Subject for 1915–16:

Literary Currents in Germany in the Nineteenth Century and the Present. The Seminar is open to advanced students who have done particularly good work in German. (Permission of instructor.)

Professor SKILLINGS.

NOTE. In the Department of German, students of any class will be assigned to those courses for which, in the judgment of the instructor, they are best fitted.

GREEK

Professor BURRAGE

1. SELECTIONS FROM LYSIAS, THE GOSPEL OF MARK, AND HERODOTUS. B

In connection with the study of the text there are frequent exercises in composition, and a thorough review of forms and syntax.

Freshmen and Sophomores.

2. HOMER. B

The *Odyssey*. Those parts of the epic that are of most vital interest are carefully translated and studied. The ethical import is kept carefully in view, and the conditions of the life described in the poem are illustrated by a consideration of archeological discoveries. Facility in reading is promoted by frequent exercises in sight translation.

Freshmen and Sophomores. T., Th., S., 11.30.

3. EURIPIDES: IPHIGENIA AMONG THE TAURIANS; SELECTIONS FROM THE LYRIC POETS. B

An introduction to other kinds of meter than the dactylic hexameter. The development in poetical form from Homer to Euripides is traced. Among the authors from whom extracts are made are Archilochus, Alcaeus, Sappho, Anacreon, Si-

monides, and Bacchylides. In connection with Euripides, lectures are given on the origin, history, and purpose of the drama. (Greek 1-2.)

Sophomores and Juniors.

4. Plato and Xenophon. B

Apology, *Crito*, selections from the *Phaedo* of Plato; the *Memorabilia* of Xenophon. A study in the life, character, and opinions of Socrates, as he is portrayed by his two friends and disciples. Elementary statement of a few of the problems of philosophy that Socrates raised and tried to deal with. Discussion of the position occupied by Socrates and Plato in the world of philosophy. (Greek 1-2.)

Sophomores and Juniors. T., Th., S., 10.30.

[5. Sophocles and Aeschylus. C]

The *Oedipus Tyrannus* and *Electra* of Sophocles; the *Prometheus* and *Persians* of Aeschylus. (Greek 3-4.)

[6. Aeschylus, Euripides, and Aristophanes. C]

Selections from the *Oresteia* of Aeschylus; the *Medea* of Euripides; the *Frogs* of Aristophanes. Courses 5 and 6 give a fairly complete idea of the four great dramatists of Athens, and lay a foundation for courses in the modern drama or in ethics. External changes in the drama are noted, and the growth of religious concepts is traced. The remaining plays of the authors are read by the student in translation, and reports are required on the more important ones. (Greek 5.)

Juniors and Seniors.

7. Plato's Republic. C

(Greek 3-4.)

Juniors and Seniors. M., W., F., 9.30.

8. Aristotle's Ethics. C

Courses 7 and 8 alternate with 5 and 6. They afford students of philosophy and ethics a chance to read in the original tongue the two masterpieces of the two greatest minds of antiquity. The charm of the *Republic* as literature will receive special emphasis. (Greek 7.)

Juniors and Seniors. M., W., F., 9.30.

9. The Anabasis and the Iliad. C

For students who plan to teach Greek. Familiarity with the style of Xenophon and Homer is promoted by copious reading. Careful distinction is made between the essentials and the non-essentials of the language, and an attempt is made to construct such a teaching scheme as will save the pupil's time and maintain his interest. The leading text-books are compared and criticised. Methods of teaching vocabulary, grammar, reading at sight, and translation are discussed. This course may be counted toward a major in Pedagogy. (Two years of College Greek.)

Juniors and Seniors. T., Th., 2.00; S., 8.30.

10. The Greek Drama in Translation

This course requires no knowledge of Greek. It lays a foundation for the study of the modern drama. The plays read either have value of their own or have exercised an influence on later writers.

Juniors and Seniors. M., W., F., 10.30.

[12. Greek Poetry in Translation (exclusive of the Drama)]

This course affords an opportunity to read the most spirited and adequate modern translations of poetry of such divergent types as Epic, Lyric, Pastoral, and Occasional. Homer, Pin-

dar, Sappho, Theocritus, and the writers of the Anthology are among the authors read. To be given in 1916–17.

Juniors and Seniors.

13, 14. Beginners' Greek

A course for those who wish to begin Greek in college. During the first semester the elements of the language are acquired from some one of the First Greek Books. In the second semester, portions of the *Anabasis* are read, with easy selections of more general interest. The course should fit the student to take up the regular Freshman Greek the following year.

Open to all classes. T., Th., S., 9.30.

HISTORY

Assistant Professor Wetherell
Assistant Professor White
Assistant Professor Harrington
Assistant Professor Howard

1. Medieval European History. A

The progress of Western Europe in civilization and political organization from the days of the Roman Empire to the sixteenth century. Courses 1 and 2 are of especial value to all who wish to take work in Economics, Political Science, History, or Pedagogy.

Freshmen and Sophomores. I: M., W., F., 9.30. II: T., Th., S., 9.30. Assistant Professor Howard.

2. Modern European History. A

A continuation of the political history of Europe from the sixteenth century, with attention to social, industrial, and eco-

nomic conditions. The course is fundamental to an understanding of the political and international problems of the present time.

Freshmen and Sophomores. I: M., W., F., 9.30. II: T., Th., S., 9.30. Assistant Professor HOWARD.

3, 4. AMERICAN HISTORY. B

A broad outline which may be taken as an end in itself, or as a basis for more intensive study. The work of the first semester covers American history to 1815; that of the second semester continues it to the present time. A good preliminary knowledge of European — especially English — history is considered essential. (Hist. 1-2.)

Sophomores and Juniors. T., Th., S., 9.30. Assistant Professor WETHERELL.

6. ENGLISH HISTORY. B

A broad general course covering the entire period of English history. History 6 and Political Science 1 are not open to election by the same student. (Hist. 1.)

Juniors and Seniors. T., Th., S., 8.30. Assistant Professor WETHERELL.

9, 10. EXPANSION OF THE AMERICAN PEOPLE. C

An advanced course for qualified students. Physical geography and primitive conditions of America; European colonization as influenced by natural conditions; shifting of the frontier toward the west, with variations; effects on the European settlers of the struggle with New World conditions; successive stages of life left by advancing frontiers; acquisitions of territory, geographic areas, and sectionalism; local and national problems growing out of expansion. The work of the first semester extends to 1840. (Hist. 3-4.)

Juniors and Seniors. M., W., F., 9.30. Assistant Professor WETHERELL.

13. Method in History. C

Methods and the philosophy of history for advanced students and prospective teachers. The nature and essential elements of history; relation of history to other subjects; forms of historical materials; methods of criticising and using sources; bibliography; working libraries; source-books; text-book criticism; maps, charts, and other aids; elementary and advanced phases of historical study; the organization of historical knowledge. This course may be counted toward a major in Pedagogy. (Two B courses.)

Juniors and Seniors. T., Th., S., 8.30. Assistant Professor Wetherell.

14. Ancient History. B

A survey of the development of ancient civilization, with special emphasis on the history of Greece and Rome. Much attention is paid to the use of sources, as being of extreme importance in supplying the proper view-point and stimulus, especially to those who are to teach Ancient History in high schools. (Hist. 1.)

Sophomores and Juniors. T., Th., S., 11.30. Assistant Professor White.

15, 16. Historical Foundations of Christianity

An inquiry into the beginnings of the Christian Religion as shown in the New Testament. The study will follow the development of the Church up to the time of Constantine and the Council of Nicaea.

Juniors and Seniors. T., Th., S., 8.30. Assistant Professor Harrington.

18. Individual Research. C

In this course the student discovers and solves his own problems, with the aid of suggestions from the instructor. Limited to those who have shown special ability in other courses

of the department. (Hist. 13; average of 80; special approval of instructor.)

Juniors and Seniors. Assistant Professor WETHERELL.

HOME ECONOMICS

Assistant Professor GRAHAM

1, 2. FOOD: ITS SELECTION AND PREPARATION. A

Classification, composition, and function of foods; principles involved in the application of heat to food constituents; the various processes applied in the preparation of foods. Recitations and laboratory work.

Laboratory fee, $5 for each semester. Sophomores and Juniors. T., Th., 2.00, 3.00; F., 2.00.

3. NUTRITION AND FOOD ECONOMY. B

The nutritive value and place in the diet of foods; comparative cost of foods and the processes of preparation; advanced study of cookery; the preparation, serving, and cost of meals. Lectures, recitations, and laboratory work. (H. E. 1-2, Chem. 1-2.)

Laboratory fee, $5. Juniors and Seniors. T., Th., 8.30, 9.30; S., 8.30.

5, 6. SEWING AND TEXTILES. B

The fundamental stitches; use of commercial patterns; hand and machine sewing applied to simple garments. In the second semester the history and processes of textile manufactures are taken up, with a study of the quality and cost of materials.

Laboratory fee, $1 for each semester. Juniors and Seniors. M., W., F., 10.30, 11.30.

7. Household Management. C

Economic function of woman and the home; evolution of the home; organization of the household; furnishing and decoration; buying of supplies; accounting and division of the income; care of the house. After 1915–16 this course will be given in the second semester, and will be numbered 4. (H. E. 3.)

Juniors and Seniors. M., W., F., 8.30.

8. Dietetics. C

Principles of nutrition; chemistry and physiology of digestion; a study of diets under differing conditions; children's diets; school lunches; invalid cookery, and detailed work in the preparation of balanced meals. Recitations and laboratory work. (H. E. 3, Biol. 1.)

Laboratory fee, $5. *Juniors and Seniors.*

9. Methods. C

Lectures on the methods of teaching Home Economics; planning courses of study, and making lesson plans; studies in equipment. Practice work in teaching high-school classes. This course may be counted toward a major in Pedagogy.

Juniors and Seniors.

LATIN

Professor Sanford

Assistant Professor White

1. Livy. A

For translation, such chapters of Books xxi-xxxix are selected as to constitute a fairly comprehensive story of the second Carthaginian war. Question and answer in Latin give the student a direct knowledge of simple form and syntax. Prose

exercises are required, based on the text. These include a review of elementary principles of Latin writing, study of vocabulary, practice in handling verb forms, and the development and use of cases.

Freshmen. Men: M., W., F., 8.30. Women, I: M., W., F., 11.30; II: T., Th., S., 8.30. Assistant Professor WHITE.

2. CICERO. A

Selections from the *Letters*, and *De Amicitia*. The historical outline takes up the story of the struggle between Republic and Empire, and runs contemporaneously with the fortunes of Caesar and Cicero as written in the *Letters*. *De Amicitia* will be read in close connection with a weekly study of the use of mode in Latin. To familiarize the student with the living language, part of the recitation will be conducted in Latin.

Freshmen. Men: M., W., F., 8.30. Women, I: M., W., F., 11.30; II: T., Th., S., 8.30. Assistant Professor WHITE.

3. PLINY THE YOUNGER. B

Selections from the *Letters* presenting a large number of references to life and customs are chosen for translation. The course is intended to bring the student into closer touch with the daily life of the Romans than is given in the authors previously read. Either this course or Latin 5 is requisite to all of the translation courses following. (Latin 1-2.)

Sophomores and Juniors. T., Th., S., 8.30. Professor SANFORD.

4. HORACE. B

Selected *Odes* and *Epodes*. By comparison of the odes with the lyrics in Latin and other languages, the class attempts to estimate the place of Horace among the poets. The debt of English poetry to Horace is continually referred to, and borrowed or suggested phrases, imitations, and translations in our own

lyrics are daily sought in illustration. Very careful preparation of note-books is required. (Latin 3 or 5.)

Sophomores and Juniors. T., Th., S., 8.30. Professor SANFORD.

5. TACITUS. B

The *Germania* and *Agricola*. Comparison of the style of Tacitus with that of other writers of his time. A study of the Roman colonial system. Outline of the history of the later Empire, with brief investigation into the subject of the influence of Rome on the northern tribes, and, incidentally, our own inheritance of law and custom from them. Library reading. (Latin 1-2.)

Sophomores and Juniors. T., Th., S., 10.30. Assistant Professor WHITE.

[6. PROSE WRITERS OF THE EMPIRE. C]

Readings in Paterculus, Curtius, Seneca, Quintilian, Gellius, Apuleius, Marcellinus, and others, as far as the patristic literature. To be given in 1916–17. (Latin 3 or 5.)

Juniors and Seniors. Professor SANFORD.

[7. A STUDY IN LATIN VERSE. C]

Fragments preserved from the early writers are quoted to point out the beginnings of poetry. Selections from Catullus, Horace, Vergil, Ovid, Tibullus, Propertius, and others, are read to show Latin verse in its perfection. A few poems of the Silver Age are given to indicate the changes of form and style to medieval and monkish rhymes. The hymnology of the early Church. To be given in 1916–17. (Latin 4.)

Juniors and Seniors. Professor SANFORD.

8. AN HISTORICAL STUDY IN TACITUS. C

An intensive study of some period or topic from the early Roman Imperial Era, with the text of the *Annals* as a base.

The aim is to develop in the student a spirit of historical criticism, and to help him to use historical material methodically, especially sources. The course is particularly valuable to those who may teach Ancient History. (Latin 5.)

Juniors and Seniors. T., Th., S., 10.30. Assistant Professor WHITE.

9. ROMAN COMEDY. C

The translation of the *Captivi* and *Trinummus* of Plautus, with rapid readings from the *Andria* of Terence and other comedies. (Latin 3, 4, or 5.)

Juniors and Seniors. M., W., F., 10.30. Professor SANFORD.

10. A STUDY IN ROMAN PHILOSOPHY. C

Readings from the *Tusculan Disputations* of Cicero, *De Rerum Natura* of Lucretius, with extracts from Seneca, Marcus Aurelius, and Boethius. (Latin 4 or 5.)

Juniors and Seniors. M., W., F., 10.30. Professor SANFORD.

11. ADVANCED LATIN PROSE. C

An investigation of vocabularies found in prominent Latin authors of both prose and poetry; a comparison of the periodic sentence with the loose structure of the English; examination of the diction of the authors used in the preparatory work; the writing of detached sentences and of connected discourse. A prominent feature of the course will be the actual use of Latin in conducting many of the class-room exercises. (One C course.)

Juniors and Seniors. T., Th., S., 11.30. Professor SANFORD.

12. THE TEACHING OF PREPARATORY LATIN. C

A study of methods and authors used; the relative value of vocabularies, grammatical drill, and sight reading; examina-

tion of text-books; Caesar and the substitute authors; the Latin element in English speech; Grimm's law; alternate drifts toward the Latin and toward the Saxon forms; colloquia; tests; the necessity of making Latin a live language; quality *versus* quantity; literary appreciation. This course may be counted toward a major in Pedagogy. (One C course.)

Juniors and Seniors. T., Th., S., 11.30. Professor SANFORD.

13. ROMAN ORIGINS

An outline story of our debt to the Roman nation in word-making, syntax, literary style and content, myth and tradition, phrases and saws, ritual, government, law and court proceedings, architecture, engineering and road-making, miscellaneous arts and professions. A summary of the reasons for the present place of Roman life and Latin in cultural and practical education. No knowledge of the language is required.

Juniors and Seniors. M., W., F., 11.30. Professor SANFORD.

[15. OUTLINES OF LATIN LITERATURE. C]

A review of all the authors from Ennius to Boethius; reading of translations; an attempt to form an estimate of the place and value of the literature as a whole, and the tendencies toward appreciation and depreciation at the present time; the passing of the Latin into the Italian, the French, and the other Romance languages; the jingles and the rhymes of the monks; attempts to revive the vernacular. (One C course.)

Juniors and Seniors. Professor SANFORD.

MATHEMATICS

Assistant Professor PERKINS
Assistant Professor BONNEY

1. SOLID GEOMETRY AND INTRODUCTION TO TRIGONOMETRY. A

Required of all Freshmen who do not enter with credit for Solid Geometry. I, Women: M., W., F., 8.30. II, Men: M., W., F., 10.30. III: T., Th., S., 8.30. Assistant Professor BONNEY.

2. PLANE TRIGONOMETRY AND ALGEBRA. A

The topics in algebra are the same as for Math. 2a.

Required of all Freshmen who do not enter with credit for Solid Geometry. I, Women: M., W., F., 8.30. II, Men: M., W., F., 10.30. III: T., Th., S., 8.30. Assistant Professor BONNEY.

1a. PLANE AND SPHERICAL TRIGONOMETRY. A

Required of all Freshmen who enter with credit for Solid Geometry. I: M., W., F., 9.30. II: T., Th., S., 10.30. Assistant Professor BONNEY.

2a. ALGEBRA. A

Properties of quadratics; complex numbers; binomial formula; permutations and combinations; graphical investigation of equations of the first, second, and third degree; theory of equations; determinants.

Required of all Freshmen who enter with credit for Solid Geometry. I: M., W., F., 9.30. II: T., Th., S., 10.30. Assistant Professor BONNEY.

3. PLANE ANALYTIC GEOMETRY. B

Loci and their equations in Cartesian coördinates; transfor-

mation of axes; the line, circle, parabola, ellipse, hyperbola; the general equation of the second degree; poles and polars; use of polar coördinates. (Math. 1-2 or 1a-2a.)

Required of all Sophomores in the B.S. course. I: M., W., F., 8.30. II: T., Th., S., 9.30. Assistant Professor PERKINS.

4. INTRODUCTION TO CALCULUS. B

The two fundamental operations of calculus, together with those applications most commonly encountered in applied mechanics, and the theory of electricity and magnetism. (Math. 3.)

Required of all Sophomores in the B.S. course. I: M., W., F., 8.30. II: T., Th., S., 9.30. Assistant Professor PERKINS.

5, 6. DIFFERENTIAL AND INTEGRAL CALCULUS. C

Detailed course, taking up the more extended and difficult applications. (Math. 4.)

Juniors and Seniors. T., Th., S., 10.30. Assistant Professor PERKINS.

7. HIGHER PLANE CURVES. C

A course in method of determining the characteristics of algebraic curves from their equations. The principles of homogeneity, linear combinations, and "signing" are developed and applied to the discussion of the general characteristics of second, third, and fourth order curves. About fifty of the best known algebraic curves are discussed and their characteristics discovered. (Math. 4.)

Juniors and Seniors. M., W., F., 2.00. Assistant Professor PERKINS.

8. ADVANCED ANALYTIC GEOMETRY. C

Selected topics and problems in solid geometry: methods of modern analytic geometry, including homogeneous coördi-

nates, abridged notation, inversion, polar reciprocation, and projection. (Math. 4.)

Juniors and Seniors. M., W., F., 2.00. Assistant Professor PERKINS.

9. DIFFERENTIAL EQUATIONS. C

Ordinary differential equations, elliptic integrals, infinite series, a brief consideration of some applications of harmonic functions. (Math. 6.)

Juniors and Seniors. Assistant Professor PERKINS.

10. VECTOR ANALYSIS. C

The application of the fundamental algebraic operations to vectors, linear vector functions, and methods of operating upon them. Simple practical illustrations of the use of vector operations. (Math. 6.)

Juniors and Seniors. Assistant Professor PERKINS.

12. PROJECTIVE GEOMETRY. C

An alternative course, to be given instead of 10 when a majority of those electing prefer it. (Math. 6.)

Juniors and Seniors. Assistant Professor PERKINS.

13, 14. THEORY AND PRACTICE OF MECHANICS. C

Theoretical and practical treatment of kinematics, dynamics, statics, friction, kinetics of particles, kinetics of rigid bodies, and dynamics of rotation. (Math. 4, Phys. 1-2.)

Juniors and Seniors. Assistant Professor PERKINS.

MUSIC

Assistant Professor Royce

1, 2. Harmony. A

Consonant and dissonant, diatonic and chromatic harmony, keyboard work, and elementary composition are included in this course, which is the first step toward practical music-writing.

T., Th., S., 10.30.

3, 4. Musical Form. B

An exposition, through lectures with practical illustrations, of the scientific and esthetic principles governing musical construction.

M., W., F., 10.30.

5, 6. History of Music. C

A course explanatory of the nature, purpose, and development of music. Emphasis is placed likewise upon a discussion of the lives and work of the great masters.

M., W., F., 8.30.

7, 8. Counterpoint. C

A study of the simultaneous combination of melodies from the standpoint of the composer. Consideration of the various species and allotments. Some knowledge of harmony is presupposed on the part of those electing counterpoint.

9, 10. Canon and Fugue. C

Logical continuation of the study of counterpoint. Two, three, and four voiced single and double canons in the various intervals; two, three, and four voiced single and double fugues; and original compositions in the small forms will be

written by the students and instructor, both separately and in consultation.

11, 12. Appreciation of Music. A

Discussion of musical esthetics from the historical and formal points of view, with the purpose of developing the faculty of critical listening. Practical illustration, by the instructor and others, and papers written by the class, are important features of the work.

M., W., F., 11.30.

13, 14. Practical Course

This will consist of private lessons in piano playing, the hours to be arranged for individually or in groups.

Two half-hour lessons or one one-hour lesson a week. Open to all students. Fee, $40 for each semester.

Note. The courses in the theory and history of music (1-12) will receive credit toward a degree and are subject to no additional fee; for private lessons (13, 14) no credit toward a degree will be allowed. Students wishing to elect courses in the Department of Music must have some knowledge of the elements of musical notation and must satisfy the instructor of their fitness to pursue the special courses chosen.

It has been decided to allow groups of several students of the same or of different instruments to register in classes, in the practical course, thus dividing the cost of instruction and obtaining mutual benefit. In certain cases the enrolment of vocal pupils and players on orchestral instruments will also be permitted.

PEDAGOGY

Professor Collins
Professor McFarland
Assistant Professor Howard

1. History of European Education. A

Educational views and customs in ancient, medieval, and modern times. Spartan and Athenian education; Roman schools and schoolmasters; decline of classical learning; rise of church control; schools of the Middle Ages; educational significance of the Renaissance and the Reformation; genesis of modern educational ideals. History 1 and 2 are desirable preliminary courses.

Sophomores and Juniors. M., W., F., 9.30. Professor Collins.

2. Introduction to Psychology. A

The physical basis of mental life; evolution, structure, and function of the nervous system; development of sensory and motor powers; growth and differentiation of consciousness; the simple and complex mental processes, and their relation to human behavior. After 1915–16 this course will be given in the first semester, as Pedagogy 1, and will be open to election by Freshmen and Sophomores.

Sophomores and Juniors. M., W., F., 8.30. Assistant Professor Howard.

3. Psychology of Adolescence. B

The course aims to present the known facts of the nature and development of the mind and physical organs during adolescence, in order to place the prospective teacher in sympathetic contact with high-school students. After 1915–16 this course will be replaced by Psychology of the Higher Pro-

cesses, which will be given in the second semester, following the Introduction to Psychology. (Ped. 2.)

Juniors and Seniors. M., W., F., 8.30. Assistant Professor HOWARD.

4. AMERICAN EDUCATION. B

Lectures on the evolution of the public school system in its elementary, secondary, and collegiate features; with detailed studies from texts on the present organization and current problems of education in the United States, and students' reports on comparisons drawn from contemporary European schools. This course will not be given in 1916–17. (Ped. 1, 2, or 3.)

Sophomores, Juniors, and Seniors. M., W., F., 9.30. Professor COLLINS.

5. PRINCIPLES OF EDUCATION

A general introduction to pedagogy from the genetic point of view, defining education, tracing its bases in biology, physiology, psychology, and epistemology, and estimating educational values.

Juniors and Seniors. T., Th., S., 8.30. Professor MCFARLAND.

6. METHODS OF TEACHING. B

Elements of general method; the method of the recitation; how to study; efficient use of the materials of the class-room; practice in class teaching. A course intended primarily for those preparing to teach in high schools. (Ped. 2 or 3.)

Juniors and Seniors. T., Th., S., 8.30. Professor MCFARLAND.

7. HIGH-SCHOOL ADMINISTRATION. C

The organization and management of secondary schools; hygienic conditions; the curriculum; the relation between prin-

cipal and assistants; standards of excellence in high-school work; proper utilization of the school plant and equipment; school law. (Any B course.)

Seniors. T., Th., S., 9.30. Professor McFarland.

8. Secondary Education. C

Studies in special method relating to high-school languages, history, science, and mathematics; a consideration of the value, the content, the problems, and the methods of teaching special subjects; the teacher's preparation; necessary school equipment; standards of excellence; practice teaching in class. (Any B course.)

Juniors and Seniors. T., Th., S., 9.30. Professor McFarland.

9, 10. Rural School Supervision. C

A discussion of the problems of supervision, with especial reference to the superintendent's functions in training and improving teachers. A course for men intending to enter upon the work of educational management. (Any B course; permission of the instructor.)

Seniors. Professor McFarland.

11, 12. Practice Teaching. C

This course is pursued by qualified Seniors, who are selected by the head of the department to conduct regular classes in the public high school in mathematics, modern languages, Latin, history, and domestic science.

Seniors. Professor Collins, Professor McFarland, and Assistant Professor Howard.

Note. Students may count any one, but not more than one, of the following courses toward a major in Pedagogy: German 14, Greek 9, History 13, Latin 12, Home Economics 9.

PHILOSOPHY

Assistant Professor CUNNINGHAM

1. LOGIC. A

A study of the principles underlying correct reasoning; interpretation of propositions; analysis of various types of reasoning, both inductive and deductive; construction and criticism of arguments. After 1915–16 this course will be graded B and given in the second semester; it will be numbered 2 and may be elected by Freshmen who have completed the Introduction to Psychology.

Sophomores and Juniors. I: M., W., F., 11.30; II: T., Th., S., 8.30.

2. INTRODUCTION TO PHILOSOPHY. B

This course deals in an elementary way with the fundamental problems of philosophy. The representative theories of reality are presented in outline and criticised, the aim of the criticism being to encourage the student to think for himself and to systematize his own views. The philosophical implications of the theory of evolution are touched upon. After 1915–16 this course will be graded A and given in the first semester, numbered 1. (Phil. 1.)

Sophomores who have had Logic, Juniors, and Seniors. T., Th., S., 8.30.

3. ARGUMENTATION AND DEBATE. B

A study of the fundamental principles of argumentation and debate: analysis of propositions; sources of evidence; construction of briefs; presentation of complete arguments; debates. (Phil. 1.)

Sophomores who have had Logic, Juniors, and Seniors. T., Th., S., 9.30.

5. Ethics in History. A

A study of general history as an expression of ethical ideals. The great nations, both ancient and modern, are studied. Constant reference to present ethical problems. The course aims to give the student a general introduction to the field of ethical and social questions, and an historical background in the light of which he may more intelligently consider these problems. A knowledge of general history is presupposed.

Juniors and Seniors. M., W., F., 10.30.

6. General Ethics. B

A critical survey of moral problems. The chief ethical theories are discussed, and an effort to evaluate them is made. A knowledge of the elementary principles of psychology, while not essential, is desirable as an introduction to the course.

Sophomores, Juniors, and Seniors. M., W., F., 10.30.

7. History of Philosophy and Ethics. C

General survey of philosophical and ethical theories from the Greek thinkers of the sixth century B.C. to the beginning of the modern era. Greek thought is dealt with at some length, particular attention being devoted to the views of Socrates, Plato, and Aristotle. The period of the Middle Ages is passed over more rapidly, but enough time is given to it to enable the student to become acquainted with its general tendencies. (Phil. 2, or special permission.)

Juniors and Seniors. M., W., F., 8.30.

8. History of Philosophy and Ethics. C

A general review of the development of modern thought, particularly of the eighteenth and nineteenth centuries. Post-Hegelian thought is outlined and the present status of philosophical and ethical inquiry indicated so far as time permits. The course is a continuation of 7, although it may be taken

to advantage by those who have not had the latter course. (Phil. 2, or special permission.)

Juniors and Seniors. M., W., F., 8.30.

[9. Ethics and the World of Action. C]

Some of the problems dealt with in this course are: social organization and the individual; ethics and the economic life; individualism and collective agency in the production and distribution of wealth; morality and corporate agencies. The discussion of these problems is primarily from the ethical point of view, but a knowledge of at least the elements of economics is desirable. To alternate with 7. To be given in 1916–17. (Phil. 6.)

Juniors and Seniors.

[10. Social Reforms. C]

This course will undertake a somewhat detailed study of the chief works of representative communistic and socialistic writers. The effort will be made to estimate the ethical value of the socialistic ideal. To alternate with 8. To be given in 1916–17. (Phil. 9.)

Juniors and Seniors.

Note. Students desiring to count Psychology toward a major in this department may do so by offering Pedagogy 2 or 3, or both, for this purpose. Students may also present Philosophy 5, 6, 9, and 10 toward a major in Social Science. Students may count Economics 6, 8, and 9 toward a major in Ethics.

PHYSICAL EDUCATION

Assistant Professor HOLMES

1, 2. PHYSIOLOGY AND HYGIENE

One hour a week.

Required of all Freshmen.

3, 4. PHYSICAL LABORATORY

Two hours a week.

Required of all Freshmen. Elective for other classes.

NOTE. The courses in Physical Education are required of all Freshmen, and count three credits toward graduation. The department is at present occupied with the work of these courses, which involves the physical examination of each student, a text-book course with recitations and lectures on physiology and hygiene, and laboratory work in the gymnasium or field. By this arrangement every student participates in some form of selected exercise. A great variety of outdoor exercise is presented for election by students, such as cross-country and track work, soccer, "varsity" or class football, baseball, tennis, skating, skiing, and tobogganing, while indoor training includes calisthenics, Indian clubs, wand drills, apparatus work, esthetic dancing, games, and prescription work where needed.

PHYSICS

Professor BRYANT

1. GENERAL PHYSICS. A

Fundamental principles of kinematics; simple harmonic motion; inertia; gravitation; work and energy; elasticity; properties of liquids and gases; waves; sound; reflection, refraction, interference, diffraction, and polarization of light waves,

and spectrum analysis. After 1915–16 this course will be open to Freshmen.

Sophomores and Juniors. T., Th., F., 2.00.

2. General Physics. A

Theory of heat; calorimetry; transference of heat; thermal expansion; change of state; nature of heat; the earth's magnetic field; magnetic induction; electrostatic induction, potential, and capacity; production of electric currents; electromotive force; electrical resistance; measurement of current; chemical, heating, and magnetic effects of the electric current. After 1915–16 this course will be open to Freshmen. (Phys. 1.)

Sophomores and Juniors. T., Th., F., 2.00.

3. Heat. B

An advanced course for those students desiring a more complete knowledge of this branch of Physics. The experimental methods that have been used in measuring the various quantities which are connected with this portion of the science are considered in detail. The kinetic theory of matter and thermodynamics are among the additional topics studied. (Phys. 1-2.)

Juniors and Seniors. T., Th., S., 10.30.

4. Electricity and Magnetism. B

An advanced course covering more thoroughly many of the topics studied in the corresponding work in general physics, together with some additional topics, such as the discharge of electricity through gases, electrons, radio-activity, and wireless telegraphy. (Phys. 1-2.)

Juniors and Seniors. T., Th., S., 10.30.

5. Physical Measurements. C

Elementary theory and practice of physical manipulation. Laboratory work in the measurements of length, mass, time,

velocity, linear and angular acceleration; the verification of the laws of equilibrium of forces; the determination of coefficients of elasticity; the density of solids, liquids, and gases; experiments in sound. A complete record of every experiment is required, giving the apparatus used, the measurements taken, and the results obtained. (Phys. 1-2.)

Laboratory fee, $5. *Juniors and Seniors.* M., W., 2.00, 3.00; F., 3.00.

6. Physical Measurements. C

Measurements of thermal expansion, specific heat, latent heats of fusion and of evaporization. In electricity, fields of force, electric resistance, electro-motive forces, and strengths of current are measured. The laws of reflection and refraction of light waves and the formation of images by mirrors and lenses are studied, and indices of refraction and lengths of light waves are measured. (Phys. 5.)

Laboratory fee, $5. *Juniors and Seniors.* M., W., 2.00, 3.00; F., 3.00.

[7. Light. B]

An advanced course for students who wish more knowledge of the subject than can be obtained from general physics. The laws of reflection and of refraction, with their application to optical instruments; the wave theory of light; the spectrum and its teachings; the phenomena of radiation, absorption, dispersion, interference, and diffraction are some of the topics considered. To be given in 1916–17. (Phys. 1-2, Math. 1a.)

Juniors and Seniors.

10. Astronomy. C

The celestial sphere; astronomical instruments; determination of latitude, longitude, and time; the earth as an astronomical body; the moon's motions and physical character-

istics; the sun's physical characteristics; revelations of the spectroscope; eclipses; planets; comets; stars and nebulae. (Phys. 1-2.)

Juniors and Seniors. M., W., F., 11.30.

POLITICAL SCIENCE

Assistant Professor ABBOTT
Assistant Professor WETHERELL

1. ENGLISH GOVERNMENT. A

The English government, with sketches of its historical development. A general knowledge of English history, as much as may be gained in History 1 and 2, is essential. This course furnishes a desirable introduction to American Government. It may not be elected by students who take History 6. After 1915–16 it will be graded B and open to Juniors and Seniors.

Sophomores and Juniors. M., W., F., 8.30. Assistant Professor WETHERELL.

2. AMERICAN GOVERNMENT. A

A rapid survey of the whole field, national, state, and local. Descriptive, with sketches of historical development. This course lays the basis for the more detailed and technical courses in the department. A good knowledge of American history is essential.

Sophomores and Juniors. M., W., F., 8.30. Assistant Professor WETHERELL.

3. ELEMENTS OF POLITICAL SCIENCE. B

The origin and development of states and governments, their forms, departments, and functions. This is not a study of any

particular state or government but of general principles, with illustrations drawn from the institutions of many states. After 1915–16 this course will be graded A, numbered 1, and open to Sophomores and Juniors. (Hist. 1, 2, 3, or 4, or Pol. Sci. 1 or 2.)

Juniors and Seniors. T., Th., S., 10.30. Assistant Professor ABBOTT.

4. EUROPEAN GOVERNMENTS. B

The national and to a small extent the local governments of France, Germany, Italy, and Switzerland are studied in this course, with constant comparisons between these and the English and United States systems. (Hist. 1-2 or Pol. Sci. 1 or 2.)

Juniors and Seniors. T., Th., S., 10.30. Assistant Professor ABBOTT.

5. MUNICIPAL GOVERNMENT. B

The various forms, functions, and powers of city governments in the United States. (Pol. Sci. 1 or 2.)

Juniors and Seniors. T., Th., S., 11.30. Assistant Professor ABBOTT.

6. CONSTITUTIONAL LAW. C

A study of the constitution of the United States and its interpretation by the Supreme Court. Of special value for students of United States history and government, and very useful to intending law students. (Hist. 3 or 4, or Pol. Sci. 1, 2, or 3.)

Seniors. T., Th., S., 11.30. Assistant Professor ABBOTT.

7. BUSINESS LAW

The rules of law most commonly involved in ordinary commercial transactions, especially contracts, sales, agency, bailments, and negotiable instruments. An elementary and prac-

tical course designed primarily for students who intend to engage in business or in professions other than the law. In 1916–17 this course will be open to Sophomores, Juniors, and Seniors, and thereafter to Sophomores and Juniors only.

Juniors and Seniors. M., W., F., 11.30, Assistant Professor ABBOTT.

8. INTERNATIONAL LAW. C

The nature, sources, and development of the rules governing the relations of civilized states in peace and in war, with special attention to recent modifications of the same and to questions raised by the European war.

Seniors. M., W., F., 11.30. Assistant Professor ABBOTT.

9. JURISPRUDENCE. C

An analysis of the underlying principles of law, the relation of law to rights, and a consideration of the fields covered by private, public, and international law. The subject is important for students who intend to study law, advanced government, or history. Jurisprudence and Roman Law are offered in alternate years. (Pol. Sci. 1 or 7, and 3, 4, or 5.)

Seniors. M., W., F., 10.30. Assistant Professor ABBOTT.

10. POLITICAL THEORIES. B

An advanced course in theories of government which have been important factors in the development of great modern states, with especial attention to American doctrines at critical periods in our history. In addition to the prerequisite 3, 4, or 5, it is desirable that students taking this course should also have taken 1.

Juniors and Seniors. M., W., F., 10.30. Assistant Professor ABBOTT.

[11. ROMAN LAW. C]

This course will deal with some of the main subjects of the

Pandects, or Digest of Justinian, which will be studied in the English translation, although a knowledge of Latin is desirable. This course will be useful to those pursuing advanced work in the classics. Jurisprudence and Roman Law will be offered in alternate years. (Pol. Sci. 1 or 7, and 3, 4, or 5.)

Seniors. M., W., F., 10.30. Assistant Professor ABBOTT.

ROMANCE LANGUAGES

Assistant Professor ROBINSON
Mr. WADE

1, 2. BEGINNERS' FRENCH

Elements of grammar; drill in pronunciation; reading and translation of easy prose; study of irregular verbs; dictation exercises; free reproduction of passages read.

T., Th., S., 8.30. Assistant Professor ROBINSON.

3, 4. INTERMEDIATE FRENCH. A

Thorough review of grammar; composition; translation from English into French; sight translation and free reproduction. Much emphasis is laid upon the reading, in French, of easy texts; retroversion. (French 1-2, or two years of preparatory school French.)

I: M., W., F., 10.30. II: T., Th., S., 11.30. Mr. WADE.

5, 6. CONTEMPORARY FRENCH. B

A course in modern prose, poetry, and the drama, supplemented by a study of some of the more representative French reviews and newspapers, with weekly exercises in writing French. (French 3-4, or three years of preparatory school French.)

M., W., F., 11.30. Assistant Professor ROBINSON.

7, 8. French Literature in the Seventeenth Century. C

The classical drama — Corneille, Molière, Racine; the poetry of La Fontaine and Boileau; French prose from Descartes to St. Simon. (French 5-6.)

T., Th. S., 10.30. Assistant Professor Robinson.

[9, 10. French Literature in the Eighteenth Century. C]

Montesquieu, Voltaire; Diderot and the Encyclopedists; the Revolution, and its bearing on literature; Rousseau and his philosophy; Le Sage, Marivaux, Beaumarchais. To be given in 1916–17. (French 5-6.)

Assistant Professor Robinson.

[11, 12. French Literature in the Nineteenth Century. C]

The Romanticists; Realism and Naturalism; literary criticism — Chateaubriand, Sainte-Beuve, Taine; the modern drama. (French 5-6.)

Assistant Professor Robinson.

13, 14. An Advanced Course in French Syntax. C

This course, for students planning to teach French, will consist of a critical study of the principles of syntax and the best methods of presenting these principles. It may be counted toward a major in Pedagogy. (French 5-6.)

Juniors and Seniors. M., W., F., 8.30. Assistant Professor Robinson.

15, 16. Elementary Spanish

Sophomores, Juniors, and Seniors. I: T., Th., S., 9.30. II: M., W., F., 8.30. Mr. Wade.

[17, 18. Advanced Spanish. A]

Modern Spanish authors will be read in the first semester: Alarcón, Blasco Ibáñez, Valdés; in the second semester, classical authors: Cervantes, Tirso de Molina, Lope de Vega; composition. To be given in 1916–17.

Mr. Wade.

THE SUMMER SESSION

THE FACULTY OF 1915

INSTRUCTORS

FROM MIDDLEBURY COLLEGE

JOHN MARTIN THOMAS, D.D., LL.D.
President

EDWARD DAY COLLINS, PH.D.
Professor of Pedagogy. Director of the Summer Session

MYRON REED SANFORD, A.M., L.H.D.
Professor of Latin

FRANK WILLIAM CADY, B. LITT. (OXON.), A.M.
Assistant Professor of English. Assistant Director of the Summer Session

CHAUNCEY ALLAN LYFORD, B.S., A.M.
Assistant Professor of Geology

GEORGE HOFFMAN CRESSE, A.M.
Assistant Professor of Mathematics

PERLEY CONANT VOTER, A.M.
Assistant Professor of Chemistry

VERNON CHARLES HARRINGTON, L.H.D.
Assistant Professor of English

INSTRUCTORS

FROM OTHER INSTITUTIONS

CHARLES EVERETT HESSELGRAVE, PH.D.
Pastor of The Center Congregational Church, South Manchester, Ct.

ARCHIE SHERMAN HARRIMAN, A.B.
Principal of High School, Middlebury

THEODORE FRELINGHUYSEN COLLIER, PH.D.
Associate Professor of European History, Brown University

MINNIE HAYDEN
Teacher of Music, Steinert Hall, Boston

BEULAH C. HATCH, B.S.
Instructor in Home Economics, Simmons College

GROVER CHESTER BOWMAN, A.M.
Superintendent of Schools, Westport, Ct.

LILLIAN L. STROEBE, PH.D.
Associate Professor of German, Vassar College

OLIN DAVID PARSONS, E.E., A.B.
Head of Department of Physics, Yonkers (N. Y.) High School

GLADYS LOTT
Reader and Teacher of Expression, New York and Boston

F. TH. MEYLAN
Head of French Department, St. Agatha, N. Y.

EDENA SCHAUMBERG
Instructor in Sewing, Simmons College

J. MACE ANDRESS
Instructor in Psychology and History of Education, State Normal School, Worcester, Mass.

BETTY SCHRAGENHEIM, B.S.
Student at Teachers' College, Columbia

META HARMS
Teacher of German, Packer Collegiate Institute, Brooklyn, N. Y.

VERA SCHÜLLER
Teacher of German, Packer Collegiate Institute, Brooklyn, N. Y.

AUGUST VON ZABUESNIC
Teacher of Foreign Languages, New York City

EMMA PLAMBECK
Instructor in German, New York City

COURSES OF INSTRUCTION, 1915

AT the seventh Summer Session, held June 29 to August 6, 1915, the following courses of instruction were offered:

Evolution of American Schools	*Mr.* Andress
High School Administration	*Mr.* Bowman
Youth, A Study of Physical and Mental Development	*Mr.* Andress
Methods of Studying and Teaching	*Mr.* Bowman
Studies in Educational Theory	*Mr.* Bowman
Laboratory English	*Assistant Professor* Cady
Shakespeare	*Assistant Professor* Cady
Chaucer	*Assistant Professor* Harrington
Arnold and Rossetti	*Assistant Professor* Harrington
The Art of Reading	*Miss* Lott
Dramatic Production	*Miss* Lott
Teachers' Course in French	*Mlle.* Meylan
French Literature	*Mlle.* Meylan
French Seminar	*Mlle.* Meylan
German Conversation, Advanced Course, Div. 1	
German Conversation, Advanced Course, Div. 2	
German Conversation, Intermediate Course, Div. 1	
German Conversation, Intermediate Course, Div. 2	
Phonetics and the Teaching of German, Div. 1	*Professor* Stroebe and Staff of Assistants
Phonetics and the Teaching of German, Div. 2	
Phonetics and the Teaching of German, Div. 3	
Phonetics and the Teaching of German, Div. 4	
Masterpieces of German Literature	
Contemporary German Drama	
Prose Composition, Advanced Course, Div. 1	

Prose Composition, Advanced Course, Div. 2	*Professor* Stroebe and Staff of Assistants
Prose Composition, Intermediate Course, Div. 1	
Prose Composition, Intermediate Course, Div. 2	
The Modern German Short Story	
The Teaching of Preparatory Latin	*Professor* Sanford
Roman Architecture and its Influence	*Professor* Sanford
Social England from Elizabeth to Victoria	*Dr.* Collier
Europe of To-day	*Dr.* Collier
The Ancient Orient	*Dr.* Hesselgrave
International Polity	*Dr.* Collier
The History and Literature of the Hebrew People	*Dr.* Hesselgrave
The Background, Content, and History of the Gospel of Jesus	*Dr.* Hesselgrave
Solid Geometry	*Principal* Harriman
College Algebra	*Principal* Harriman
Logarithms and Plane Trigonometry	*Assistant Professor* Cresse
Calculus	*Assistant Professor* Cresse
General Inorganic Chemistry	*Assistant Professor* Voter
Qualitative Analysis	*Assistant Professor* Voter
Physiography	*Assistant Professor* Lyford
Biology for Teachers	*Assistant Professor* Lyford
Elementary Physics	*Mr.* Parsons
Applied Electricity	*Mr.* Parsons
Mechanical Drawing	*Mr.* Parsons
Food Study, Div. 1	*Miss* Hatch
Food Study, Div. 2	*Miss* Hatch
Sewing	*Miss* Schaumberg
Vocal Music, Sight Reading, Rhythm, Phrasing, and Diction	*Miss* Hayden
Vocal Music, Practice Singing	*Miss* Hayden

GENERAL STATEMENT

THE Summer Session is organized to meet the wants of teachers and prospective teachers who are seeking

pedagogical and professional improvement, graduate students who are seeking credits toward a higher degree, college students who desire to continue in the summer their work for the baccalaureate degree, and others whose interest is more general. The courses of instruction are carefully organized to meet the requirements of these various classes of students, who are grouped in three sections according to their purpose in pursuing courses and their qualifications for obtaining credits.

Students may enter without examination such courses as they are qualified to take, and without being candidates for degrees; but students who desire credit toward a degree must indicate that fact when they register, and must present evidence of their qualifications before they will be given credits in the college or graduate sections of the school.

Students who complete satisfactorily the course of six weeks will be given upon application a Summer Session certificate indicating the work done. These certificates of work accomplished in the Summer Session are useful evidences of professional study, and are often accepted by examiners, school boards, and superintendents in lieu of examinations on professional study.

THE MASTER'S DEGREE

To obtain the degree of Master of Arts or of Master of Science, thirty credits, representing one year's work in residence, are necessary. The rule as to securing the Master's degree through work in the Summer Sessions will be found in Graduate Work, Section 3.

SUMMER SESSION OF 1916

THE Eighth Summer Session will open with registration and preliminary conferences on Saturday, July 8, 1916, and will close Friday, August 18. Students will be received in the halls of residence Friday afternoon, July 7, and will be permitted to remain until Saturday, August 19.

Classes will meet Monday morning, July 10, for the first lectures and assignments of work, and final examinations will be held on August 18. Classes meet five times a week.

The College laboratories, libraries, halls of residence, and dining-halls will be opened with enlarged facilities. The Session of 1916 will be fully announced, with descriptions of the various schools, in the February number of the Middlebury College Bulletin. Send applications for this prospectus to The Director, Summer Session, Middlebury, Vt.

GENERAL INFORMATION

HISTORY OF THE COLLEGE

MIDDLEBURY College was chartered in 1800, and its first class was graduated in 1802, at which time the first academic degrees conferred in Vermont were bestowed. Even before the granting of a charter, collegiate work had been prosecuted in Middlebury, under the leadership of Rev. Jeremiah Atwater (Yale 1793), the Principal of the Addison County Grammar School, who became the President of the College, having been recommended for the position by Doctor Dwight, then President of Yale College. A library of 494 volumes had already been carefully selected and presented to the College. For ten years all the work of the institution was conducted in a large frame building which it shared with the Addison County Grammar School, but in 1810 Colonel Seth Storrs of Middlebury gave to the Corporation thirty acres of land, "beautifully situated in an elevated part of the village," which now forms part of the college campus. On this site the first building of the College was completed in 1815. It was called at first "West College," but in 1846 was named Painter Hall, in honor of Hon. Gamaliel Painter, one of the most generous patrons of the College and most useful citizens of the town, who had bequeathed all his property to the institution. It has been in continuous use since its erection, and is the oldest college building in Vermont. The commodious and beautiful Chapel was erected in 1836, and is still the most commanding object on the campus and in the landscape of the village, and a useful and convenient administration and recitation building. Starr Hall, a large dor-

mitory, was erected by the beneficence of Charles and Egbert Starr in 1861, and rebuilt in 1865, after a disastrous fire, by the same donors. These three graceful stone buildings, forming a college row typical of New England, give dignity and quiet beauty to one of the most beautiful college parks to be found in America.

The builders of Middlebury were men of deep religious faith and earnest moral purpose, and clergymen from the surrounding towns long exercised controlling influence in the Corporation. The College has had a long and heroic struggle with poverty, but her doors have never been closed and she has furnished uninterruptedly to the youth of northern New England opportunities for thorough literary education and a vantage point of outlook upon the larger life of the world.

MIDDLEBURY'S RECORD

During her first century Middlebury sent out 1,686 graduates; 543 of these were clergymen, including 71 missionaries. An exceptionally large proportion became teachers, of whom 106 were professors in colleges or theological seminaries; 32 college presidents were sent forth by Middlebury from 1800 to 1900. She graduated in that time 400 lawyers, including over 50 judges of courts. Fifteen of her alumni have been members of Congress, and nine, governors of States or Territories. It is Middlebury's boast that, in proportion to her size and the means at her command, no American college has made a nobler record.

A residential town of 2,000 people, on the Rutland Railroad, with through trains between New York and Boston and Montreal, Middlebury is an ideal location

for a rural New England college. The foot-hills of the Green Mountains are a few miles distant. From the heights of the college campus one sees many of the grander peaks of the Adirondacks. The Otter River flows through the town, and in its valley are many of the best farms of Vermont. Elms and maples line the village streets, and the houses betoken modest thrift and quiet taste. Water of unexcelled purity and quantity is brought from mountain springs, eight miles distant. Intoxicating liquors are not sold, and there are no trolley lines to neighboring cities. The College is the pride of the village, and many of the homes of the people are open to the students.

THE VILLAGE OF MIDDLEBURY

The specialty of Middlebury is not a department of study, but a type of student. The location of the College in a frugal agricultural region favors economy. For over a century she has sought out particularly the youth from the quiet homes of northern New England and surrounded them with encouragement to modest living while engaged in the pursuit of knowledge. By resolute endeavor college expenses have been kept low. Students who have to work their own way are especially encouraged, in the belief that such students furnish the most healthful tone to an institution of learning. Those who can afford more than Middlebury exacts are invited to consider the advantages to character which come from such an atmosphere in the formative period of life.

MIDDLEBURY'S SPECIALTY

The Middlebury idea is that, since no two men are alike, each student needs the particular care and over-

sight of his instructors during his entire college course.

INDIVIDUAL TRAINING

With a small student body and an ample number of professors such oversight is possible, and the unusual success of Middlebury's graduates is believed to be due to its maintenance.

COURSES OF STUDY

It is believed that the courses of study elsewhere described lead to a thorough collegiate education, without distribution over too many fields or undue concentration in a few departments. By wise election the student may secure not only broad cultural training, but also preparation for further professional studies, for business, or for teaching. Openings for college men in many kinds of business and industry are constantly increasing. Many positions do not require technically trained men, but those rather who have profited by general college training. The College has a strong department for the training of teachers. Students intending the study of the law, medicine, or theology will find courses fundamental to those professions. By the introduction of a Department of Drawing and Surveying, Middlebury College is able to secure for its graduates two years' advanced standing in the best technical colleges. Such an arrangement has been concluded with the Massachusetts Institute of Technology. By this means they will receive the general discipline and culture of college in but little more time, and with slightly more expense, than if they proceeded directly from the academy to the school of engineering.

Without departure from the traditions of the New England small college, additions to the buildings,

RECENT PROGRESS

equipment, courses, and instructing staff have been made in the few years past, which add materially to the advantages offered to students. In the fall of 1913 a new hall of chemistry, elsewhere described, was opened. The McCullough Gymnasium was completed in 1912. A central heating plant was installed in 1912, and the buildings on the campus are now warmed by steam conveyed through underground conduits. During the summer of 1914 the heating system was extended to the buildings of the Women's College.

In February, 1912, the College received a gift of eighty acres of land for a new athletic field. This land extends from the Cornwall road to South Street, and is convenient to the campus. A field for baseball and football was opened for use in 1914. It is known as the Porter Athletic Field. A grand stand, with locker and dressing rooms, and also a skating pond have been constructed during the present year.

The College has been endorsed by the General Education Board, which contributed $50,000 toward a fund of $200,000. Of this fund, $100,000 has been reserved for endowment. During the past seven years over $800,000 has been added to the funds of the College for endowment and buildings.

It will be noted that the instructing staff now numbers thirty-one, more than double the number of seven years ago. There has been a gain in student attendance every year for twelve years, and in seven years the number has doubled. Attention is called to recent additions to the curriculum in subjects fundamental to engineering, physical education, home economics, music, and Spanish.

THE LATEST NEW BUILDINGS

The most recent additions to the plant of the College are the Mead Memorial Chapel, and Hepburn Hall, a dormitory and commons for men. Both of these buildings will be completed in ample time for use at the opening of the college year in 1916. The Chapel is a beautiful marble structure, of impressive interior, and Hepburn Hall is a complete and convenient college home for one hundred men. Fuller descriptions of both buildings will be found elsewhere in this Catalogue.

JOSEPH BATTELL BEQUEST

By the will of Hon. Joseph Battell, of the Class of 1860, who was for many years a trustee and who died February 23, 1915, the College will receive the major portion of his estate. For over forty years Mr. Battell had been acquiring forest and mountain lands in the vicinity of Middlebury with a view to the preservation of the forests and the beauty of the natural scenery of the region. His holdings amounted to about 30,000 acres, in twelve townships, including some of the higher peaks of the Green Mountains. Much of the land is heavily wooded, and will afford the College the opportunity for the practice of scientific forestry in its immediate vicinity. The estate also includes Bread Loaf Inn; the "Middlebury Register," a weekly paper and printing plant; and income-producing property in the village of Middlebury and elsewhere. The executors expect to be able to transfer at least a portion of the estate to the College so that some income may be derived from it during the year 1915–16.

GRADUATE WORK

THE degrees of Master of Arts and of Master of Science may be attained by graduate work completed during the regular college year, or at summer sessions, in accordance with the following regulations:

1. The candidate must have a baccalaureate degree from this College, or from one having an equivalent curriculum.

2. Candidates should register during the first week of either semester, or during the first week of the Summer Session. A renewal of all existing registrations must be made at the beginning of each college year.

3. To obtain the degree of Master of Arts or of Master of Science, one year of resident work (September to June), or at least four summer sessions, is necessary.

4. Candidates for either degree, after conference with the instructor or instructors interested, shall outline the work intended and the studies desired, and present such outline to the Committee on Graduate Instruction for its approval.

5. The major work of the candidate must be undertaken in some department in which there have been completed undergraduate courses of study of such advanced grade as to satisfy the department of his fitness to enter upon graduate work.

6. One half of the work (fifteen semester hours) must consist of specially assigned graduate studies and investigation prescribed by the department in which the major work is undertaken; the remaining half may be pursued in undergraduate courses of C grade recommended by the department in which the major work is taken, and approved by the Committee on Graduate Work. A minimum grade of 80 per cent shall be maintained in all of the courses counting toward the degree.

7. Graduates of Middlebury College who have to their credit work done in undergraduate years, and not counted toward a baccalaureate degree, may count fifteen such credits

toward an advanced degree, subject, however, to the provision made for undergraduate courses in Section 6.

8. No credits counted in conferring a first degree at Middlebury College, or elsewhere, shall be accepted for a second degree.

9. The work must be completed within five years after the first registration, unless this period is extended by vote of the Faculty.

10. Besides the regular examinations, the candidate must be examined in the subject chosen for the major study, and at the discretion of the instructor under whose direction this work is done, may be required to present a thesis.

11. The degree shall not be given *in absentia*, nor shall it be bestowed before the Commencement following graduation.

12. The regular tuition fees for undergraduate work are charged. An additional fee of $15 is required for the final examination and diploma.

EXAMINATIONS

1. The semester grade in any study shall be obtained by combining the recitation mark with the examination mark in the ratio of three to one.

2. A student whose term mark in any course falls below 50 per cent shall be excluded from the examination and shall, if the course is a required one, repeat it with the following class.

3. A student shall be conditioned whose combined recitation and examination mark at the close of a semester or of a study is below 60 per cent, unless the examination mark be as high as 70 per cent; but no student shall be allowed to pass whose examination mark is below 50 per cent.

4. In order that a condition may be removed, either the average of the term mark and the new examination mark combined according to Section 1 must reach 60 per cent, or the new examination mark must be as high as 70 per cent.

5. A student who fails to attain a passing grade in three or more courses in any semester shall be summoned before the Administration Committee to show cause why he should not be dropped from College.

6. A student who fails to pass an examination at the close of the first semester, and is thereby conditioned, will be given an opportunity to take another examination either on the first day after the Easter recess, or on such one of the first three days of the college year as shall be determined by the Registrar. A student who is conditioned at the close of the second semester may take an examination on such one of the first three days of the college year as shall be determined by the Registrar, or on the first day after the Christmas recess. In order to take such an examination, a request must be made to the Registrar one week in advance. No other opportunities for the removal of conditions will be given, except in the following cases:

(*a*) A student unavoidably absent from College at the time set by the Registrar for taking the examination will be given his opportunity immediately upon his return to College.

(*b*) A Senior may take an examination for each deficiency, or condition, incurred during the Senior year, on the Saturday preceding Commencement.

(*c*) If the course in which a student has been conditioned is given in the Summer Session, he may remove the condition by taking that course and passing at its close an examination

which will be based upon the regular college course and, if possible, be set by the instructor who imposed the condition.

7. Any student failing to make up a condition as provided for above must repeat the course with the following class if the subject is a required one, even though, from conflict of hours, or any other cause, it necessitates for him the temporary omission of some of the regular work of his class.

8. A student conditioned in a required subject, or allowed to postpone a required subject, must obtain credit in it at the earliest opportunity presented, even though the subject should in the meantime have become an elective.

9. A student with 24 points to his credit at the beginning of a college year will be ranked as a Sophomore for that year; one with 54 points, a Junior; one with 84 points, a Senior. A student who is ranked as a Junior, but who, at the beginning of the second semester, has 99 points to his credit, will be granted Senior privileges if his purpose is to secure a degree at the next Commencement.

10. A student who is excusably absent from examination at the close of a semester will be required to pass that examination at or before the beginning of the corresponding semester of the following year. If the student fail to meet this requirement, he must repeat the course with the following class if the subject is a required one.

11. Students in the first semester of the Freshman year are limited to five courses. To take six courses in any subsequent semester, a student must have attained an average of 75 per cent in the courses of the

previous semester, a condition or an exclusion through either Attendance Rule 9 or Examinations Rule 2 being counted as 50 per cent; to take seven courses, he must have obtained an average of 80 per cent. In the second semester of the Senior year, a student may have permission, at the discretion of the Administration Committee, to take one more course than the number to which he is entitled by his grades, if necessary for graduation.

12. Credits for more than three courses will not be given an undergraduate at a Summer Session.

13. Students obliged to absent themselves from College for a determined period of time may obtain from the Dean the privilege of appearing for examination in courses previously specified. The length and character of such examinations are determined by the instructor, and a grade of 75 per cent is required. Resident students will not be given credit for work done outside of class.

14. Any scholarship may be forfeited at any time during the course through negligence or misconduct. When a student incurs more than one condition in any semester, or when he receives a second warning because of unexcused delinquencies, the scholarship allowance for that semester is thereby forfeited.

RECORD OF SCHOLARSHIP

At the close of a study, any student who desires it may receive from the Registrar a general statement of his rank in that study, based upon his term work and examination. If he has attained 90 per cent or above, his rank is reported as A, or excellent; if between

80 and 90 per cent, as B, or good; if between 70 and 80 per cent, as C, or fair; if between 60 and 70 per cent, as D; if below 60 per cent, the student is conditioned in that study. These reports are also given to parents by the Registrar upon request.

HONORARY APPOINTMENTS

The Faculty, under the direction of the Corporation, give two honorary appointments for Commencement: to the leader of the men in the Senior class the appointment of valedictorian, and to the leader of the women that of salutatorian. These appointments are of equal rank.

SPECIAL HONORS

As an incentive to best work by such students as have the ability to do more than should be required of the majority, and to promote and encourage special investigation in the various departments of the curriculum, the Faculty have established a system of honors. These are divided into two classes, Honors and High Honors, and are subject to the following regulations:

1. The candidate must have completed major work in the department in which Honors are sought.

2. Enough more than fifteen hours a week must have been carried in the undergraduate courses to insure to the candidate at graduation a surplus of at least six credits above the credits required for the Bachelor's degree.

3. The requirement of the six extra credits may be met by the fulfilment of work in research or special investigation

assigned by the department in which Honors are sought; or by the completion of two C courses in that department, provided that they are of that grade which would be counted for the Master's degree.

4. The attainment of 80 per cent for Honors, or 90 per cent for High Honors, is requisite as an average rank in the courses which have been taken in completing the major work of the department, and also in the special work performed in the attainment of the six extra credits.

5. On the completion of the six extra credits, whether attained in independent investigation or in class-room work, an examination shall be given covering as much of the work of the department which the candidate has taken as shall be deemed necessary, and, at the discretion of the instructor, a thesis may be assigned.

6. If the additional six credits for an Honor be pursued in class-room courses, these courses must be taken in accordance with the rules regarding extra hours.

7. Credits for Honors may be counted later toward the Master's degree.

These honors will be printed on the Commencement programme and in the next annual Catalogue, and will be certified to, when requested, by a written certificate from the President and the professor of the department, stating the nature and quality of the extra work done.

The degrees of A.B. and B.S. are conferred *cum laude* upon those who have attained an average rank, for the entire course, of 85 to 90 per cent; *magna cum laude* if that rank is 90 to 95 per cent; *summa cum laude* if it is 95 per cent or above.

PHI BETA KAPPA

The Middlebury Chapter of the Phi Beta Kappa Society is the Beta of Vermont. Those of the first one-fifth of the men, and of the first one-fifth of the women, of each graduating class who have attained an average rank of 87½ per cent for the first seven semesters of the college course are eligible for election to membership.

PRIZES

The Parker Prizes. Established by gift of Daniel Parker, Esq., in 1807, and Professor Frederick Hall in 1820. Two prizes of $20 and $10 to two of the competitors in the Freshman class who are adjudged the best speakers at a contest on Monday evening of Commencement Week.

The Merrill Prizes. Established in 1882 by bequest of Rev. Thomas Abbot Merrill, D.D., Trustee, 1806–55. Four awards, $25, $20, $15, and $10, to the four men of the Sophomore class adjudged the best speakers at the same contest.

The Deacon Boardman Peace Prize. Established in memory of Samuel Ward Boardman (1789–1870). An annual prize of $30 to the member of the Junior class submitting the best essay in favor of peace, and in opposition to war as a method for settling international differences. The essay must be creditable as a literary composition and consist of at least 2,000 words.

The Pedagogy Prizes. Two prizes of $30 and $20

for the students of the Department of Pedagogy submitting the best essays on educational topics.

The Latin Prizes. In the Latin Department, recognition is made of excellence in the work of the second semester of the Sophomore year, including the preparation of a note-book exhibiting the debt of English poetry to Horace, by a first prize of $10, and second and third prizes of photographs of classic art.

THE EGBERT STARR LIBRARY

The Library of Middlebury College is older than the institution itself. Before the granting of the charter the benevolent and progressive citizens of the town had collected some 500 well-chosen volumes for the use of students. Volumes bearing the autographs of some of the founders are still on the library shelves. In the early history of the College two flourishing student organizations, the Philomathesian and Philadelphian Societies, founded libraries which were unusually extensive and valuable for the time, and many of their volumes are still among the treasures of the College. Great improvement in the Library was made during the administration of President Cyrus Hamlin (1880–85), who removed the books from the Chapel to the north division of Painter Hall, and opened all the shelves to the students.

The beautiful and convenient marble Library now occupied was erected with funds bequeathed by Mr. Egbert Starr, and dedicated during the centennial exercises of the College in July, 1900. The cost of the building was $50,000, to which was added $5,000 for

its decoration and $5,000 for the purchase of books by the son of the donor, Dr. M. Allen Starr. The front of the building is wholly devoted to a large and convenient reference library, and the capacity of the stacks is 90,000 volumes. The entire Library, which is a depository of government publications, now contains about 45,000 volumes. The number of volumes added the past year was 1,735, exclusive of government documents. Students are granted free access to all the shelves. The building is open continuously through the day and evening, and Sunday afternoon. The reference rooms contain a large number of reviews and magazines, and reading rooms with daily and weekly papers are maintained in Painter and Pearsons Halls. A reference library on education is provided in the rooms of the Department of Pedagogy.

The Library staff consists of those who are regularly in attendance, and a few students who are given employment by the hour. The appropriation for Library purposes is $5,200 for the present year, and several gifts of money for additions to the Library have been received, as well as many volumes by donation.

The College is desirous of possessing as complete a collection as possible of the publications of Middlebury graduates, and alumni who are authors of either books or pamphlets are requested to coöperate in bringing this about by presenting the Library with copies of their works.

THE WARNER SCIENCE HALL

The studies in the Departments of Physics, Biology, Geology, and Home Economics are pursued in the large and convenient Warner Science Hall, erected in 1901 through benefactions of the late Ezra J. Warner, of the Class of 1861. The building is a memorial of his father, Hon. Joseph Warner, formerly a resident of Middlebury, and a trustee of the College from 1850 to 1865. By the will of Mr. Warner the College has received a bequest of $25,000 for the care and maintenance of the Hall, and for the purchase of supplies for the departments which it accommodates.

The Department of Physics is located on the first floor, and comprises a main laboratory for student use with sufficient apparatus for two full years of study and investigation in Physical Science, a private laboratory for the instructor, and a physical lecture room.

In the summer of 1913 the Department of Chemistry was moved to a new building, and the second and third floors of Warner Hall were divided among the departments of Biology, Geology, and Drawing and Surveying.

A pleasant and convenient laboratory of Home Economics has been fitted up and equipped.

Advanced study and independent research are encouraged in each of the natural and physical sciences, and in the modern and well-furnished laboratories of this building abundant opportunities are afforded to the student.

THE HALL OF CHEMISTRY

In September, 1913, the Department of Chemistry was established in the new laboratory building erected with a portion of the General Education Board fund of $200,000.

This building is 44 by 100 feet, three stories, and the basement is lighted with full-sized windows, so that for all practical purposes it constitutes another story. The material is Vermont marble, laid in random ashlar, with rubbed white marble trim.

In the basement are the combustion and assay rooms, the organic laboratory, the laboratory for water and milk analysis, the fan room for the extensive flue and ventilation system, a balance room, two dark rooms for photography, and four store rooms.

The first floor is used at present for the Departments of French and Mathematics, and for a portion of the work in English.

The second floor provides two large laboratories for qualitative and quantitative work, a private laboratory for research work, a large library and conference room, a hydro-sulphide room connecting with the qualitative laboratory, two balance rooms, and a store room.

On the upper floor are the general chemical laboratory, which is fitted with fifty-six desks and ample hood room, a large lecture room with raised seats and a lecture table with hoods, a store room, a balance room, and the private laboratory and office of the head of the department.

The building is completely equipped with water, air, and gas pipes, and with electricity for light and

power. The interior finish is white unglazed brick. The building is perfectly lighted by a hundred spacious windows, and is attractively located on the college quadrangle, facing the McCullough Gymnasium.

THE MUSEUM OF NATURAL HISTORY

Among the professors of the College for many years have been men of marked ability in natural science, who have shared with the institution the fruits of their researches. One of the earliest geological surveys of Vermont was conducted by Professor Charles B. Adams, who then occupied the chair of Natural History. He laid the foundation for the large collection of fossils representing the different geological formations. The work of Professor Henry M. Seely, long connected with the College, is in evidence in the large collection of fossils of the Champlain Valley.

In Botany, the complete series of the flowering plants and ferns of the Champlain region, which was collected by President Brainerd, is especially notable. This herbarium is constantly increasing, and valuable additions have been made in recent years in the higher fungi and other cryptogamous plants gathered by Dr. Edward A. Burt.

The Zoölogical Museum has recently received accessions from the Smithsonian Institution and from Hon. A. Barton Hepburn, of the Class of 1871.

THE McCULLOUGH GYMNASIUM

In 1910 Hon. John G. McCullough of Bennington offered to give $25,000 toward the erection of a gym-

nasium, and the alumni of the College completed a gymnasium fund of $50,000 at Commencement of that year. The building was dedicated at the Commencement of 1912. The material is light marble, and the style colonial, like the other buildings of the College. The dimensions are 110 by 57 feet. The main floor contains a large exercising room and basket-ball court, with a room for smaller gymnastic classes, which also serves as a stage for dramatic representation. The first floor contains a locker room, with space for 375 lockers, abundant shower baths, director's office and examination room, faculty locker room, two handball courts, boxing and fencing room, and quarters for visiting athletic teams. A convenient serving room renders the building available for college banquets.

Courses in physical education are offered to all students and are required of Freshmen. This work is under the direction of Mr. Edwin N. Holmes, who is also in charge of all college athletics. He is assisted by Mr. Simeon Murch, coach in baseball. General supervision of athletics is exercised by the Athletic Council, composed of members of the Faculty, alumni, and students, Professor Archibald D. Wetherell, chairman.

THE PORTER ATHLETIC FIELD

The College recently acquired a new athletic field, purchased and equipped at a cost of $10,000, the gift of a friend. The field is east and south of the Library, lands extending from the Cornwall road to South Street, owned recently by Professor Howard, the Linsley estate, and Mr. J. Edwy Buttolph, but known to older graduates as part of the Porter farm. It is about

eighty acres in extent, beautifully situated, rolling meadow and pasture, with never-failing springs and a grove of large pines, and commands an extensive view of the Green Mountains. A quarter-mile cinder track has been built, and also a field for baseball and football. A residence street, extending from Main Street to South Street, has been constructed. The athletic field is known as Porter Field.

A grand stand, with locker and dressing rooms and shower baths, and also a skating pond, have recently been constructed.

COLLEGE OFFICES

THE office of the President is located on the third floor of the Chapel. The President may be seen from 10 to 11 A.M. every day except Sunday, and consultation by students on any subject of importance to them is cordially invited. When the President is out of town the Dean is in charge of the College. A catalogue of all graduates, former students, and friends of the College is kept in the office, and prompt notification of change of address is requested. The President's home is the large dwelling built for the purpose by President Kitchel and purchased for the College with funds contributed by Hon. Joseph Battell, of the Class of 1823.

The Dean's office is in Painter Hall, middle division. Men desiring to be out of town while College is in session should first secure permission there. Excuses for absence are also presented at that office.

The Dean of Women has her office on the fourth floor of the Chapel, where women may offer reasons for absence.

The office of the Registrar is in Painter Hall, middle division. All students are expected to register at the beginning of each semester. The Registrar's office will be open for this purpose on and after the Monday before the beginning of the college year.

The Treasurer of the College has his office in the National Bank of Middlebury, and may be seen during banking hours. At the opening of the college year, and again at the beginning of the second semester, the Treasurer will establish a temporary office in Warner Science Hall, for the convenience of students in the payment of bills.

RELIGIOUS SERVICES

The exercises of each day, except Sunday, begin with religious services, which all students must attend. The chapel service on Sunday is held at 5 p.m., and all students are required to attend unless excused for urgent cause. These services are conducted ordinarily by the President.

Student religious services and Bible classes are held under the auspices of the Middlebury Union and the Young Women's Christian Association.

The College is non-sectarian, having never had any official connection with any church, but seeks to promote a healthful religious influence.

THE MEAD MEMORIAL CHAPEL

On May 15, 1914, ex-Governor John A. Mead, of the Class of 1864, signified his desire to erect a chapel for the College. His letter of gift said: "I have in mind a

dignified and substantial structure in harmony with the other buildings of the College, and expressive of the simplicity and strength of character for which the inhabitants of this valley and the State of Vermont have always been distinguished."

The Chapel will be completed in time for use during the current academic year. It is a most beautiful white marble structure, colonial in design, of the New England meeting-house type, with a rich and impressive interior. The chancel is exceptionally large, with ample accommodations for the Faculty and a large choir. A pipe organ is to be installed. The donor has added to his gift a chime of eleven bells.

HEPBURN HALL

A NEW dormitory and commons for men is being erected for the College by Hon. A. Barton Hepburn, of the Class of 1871. Accommodations for one hundred men are contained in a five-story building, 150 by 65 feet. Connected by a loggia is the three-story commons, 67 by 34 feet. The exterior is brown tapestry brick, with gray stone trim. The design is colonial, in harmony with other buildings of the College. The construction is fire-proof, with composition floors and brick and tile partitions.

The rooms are *en suite*, with a study for each two men. All bedrooms are single. Each bedroom is connected with a toilet room, which is shared by two students. There are two separate shower-bath rooms on each floor, with three showers each. All rooms are outside and are well lighted.

The commons contains a dining hall for 115 per-

sons, the kitchen and store rooms being below. Above the dining hall are social rooms of equal size, pleasant meeting and reading rooms for the men of the College. No pains have been spared to make the complete building a safe, healthful, and convenient college home for men.

The rooms will be furnished with single bed, mattress, desk, chiffonier, and chairs for each student.

The location of Hepburn Hall, on one of the highest points of the campus, commands views of exceptional beauty of the village, Otter valley, and both the Green and the Adirondack mountains.

The prices of rooms, including heat and light, will be from $50 to $100 a year for each occupant, depending upon location. It is expected that a special circular, with floor plans, will be issued, which will be sent on application to the Assistant Dean.

PAINTER AND STARR HALLS

Painter Hall was completed in 1815. It is the oldest college building in Vermont, and one of the best examples of colonial architecture in New England. It was first known as West College, but since 1846 has borne the name of Gamaliel Painter, one of the founders of the College, and a generous benefactor.

Starr Hall was built in 1861, and was rebuilt, after a disastrous fire, in 1865. The funds for its erection were contributed by Charles and Egbert Starr. It has thirty-two suites, designed for two students each, consisting of study, bedroom large enough for two single beds, and closets.

Both halls are of gray limestone, and are substan-

tial and comfortable buildings. A few years ago they were remodeled and furnished with bathrooms, water-closets, steam heat, and electric light. The charges for rooms in both dormitories are the same, and are exceedingly moderate: $40 a year per student when two occupy a room, and $80 when a room is occupied singly, including light and heat in each case. The rooms in both halls are furnished with single iron beds; other furniture must be provided by the student, and may be purchased in Middlebury. Students should bring bedding.

In assigning rooms, preference is given to students in College in order of classes. A drawing for rooms for 1916–17 will be held May 6, 1916. Students now occupying rooms, and desiring to retain the same, may do so by depositing $5 advance payment on room rent with the Treasurer before May 6. Others desiring rooms for next year, including incoming students, may secure reservations by making the $5 advance deposit. Rooms not taken May 6 will be assigned to students applying later in order of application, irrespective of classes.

The halls will be ready for occupation by the students on the noon of the Saturday that precedes the opening of College after any vacation period; they will be closed for all vacation periods on the noon of the first Saturday after the period begins.

HALLS OF RESIDENCE FOR WOMEN

Pearsons Hall, a new building for women, was opened at the beginning of the college year in 1911. It is located on a commanding height overlooking the

village, from which wide views of the Adirondacks and Green Mountains are obtained. The hall is of marble, of pleasing colonial design, and contains a large social hall, a gymnasium, and dressing and bathing rooms, besides both single and double living rooms.

Battell Cottage was enlarged in 1910, the addition furnishing the dining hall and kitchen for both the Cottage and Pearsons Hall. The two buildings together accommodate about one hundred women.

A new home for women, accommodating fifteen, was constructed in the summer of 1913. It is located on the campus of the Women's College, and is known as Hillside Cottage.

The price of board and room in each building is $200 a year, payable semi-annually in advance to the Treasurer of the College. Applications for rooms may be made to the Assistant Dean, Middlebury College.

HAMLIN COMMONS

TABLE BOARD is furnished to men at Hamlin Commons. The College owns the building, which is located just outside the campus, and gives the use of it to the students without cost. The food is plain but abundant, and the cost is $3.50 a week. Payment is required each week, strictly in advance.

EXPENSES

THE location of the College in a small village in a frugal agricultural region favors economy, and by a resolute endeavor the expenses of students have been kept extremely moderate. The charges of the College

are small, and the general expenses of students should not be large. The following table indicates the principal items:

Tuition	$100.00
Room rent in Hepburn, Starr, or Painter Hall, including heat and light	40 to 100.00
Table board for 37 weeks, at $3.50 a week	129.50
Gymnasium and Athletic Fee:	
Men	10.00
Women	5.00
Graduation Fee (Seniors only)	11.00

By action of the Trustees the fee for incidentals ($12) formerly charged has been abolished.

In most of the elective courses in Chemistry, Biology, and Physics, a laboratory fee of $5 for each semester is charged, as specified in the announcements of the several courses.

The charges for room rent, heat, and light in Hepburn, Starr, and Painter Halls are on the supposition that two students occupy a suite. When a student rooms alone, the charge for rent, including heat and light, is doubled.

Board and room for women in Pearsons Hall, Battell Cottage, and Hillside Cottage are $200 a year, payable semi-annually in advance.

The payment of bills is required at the opening of each semester, before the student enters upon college work. This rule includes the charge for board at the halls for women. On registration, a certificate of payment from the Treasurer's office is required.

The charge for tuition is the same for men and women. From $350 to $400 should suffice for all

expenditures, and by strict economy many students maintain themselves on less. Attention is called to the sections on Self-Help and Scholarships.

SELF–HELP

For many years Middlebury has been known as a college at which exceptional opportunities are afforded to students who must depend largely upon their own resources in securing an education. The principal assistance a college can render in this respect is in keeping expenses down, especially the charges for room and board. Employment by which the student may earn a part of his expenses can usually be obtained about the College or in the village, although regular work cannot be promised before the student has arrived and his capacity and fitness are determined. Occupations in which students find employment are waiting on table, care of furnaces, farm and garden work, typewriting, tutoring, etc. The Assistant Dean conducts an employment bureau for men, and applications for work should be made to him.

SCHOLARSHIPS

The College has a generous number of student benefits, many of them given in early years at great self-sacrifice on the part of the donors. The income of these funds is expended exclusively in payment of the tuition, in part, of needy and deserving students of good deportment and application. When the number of students was much smaller, these funds allowed a somewhat more liberal bestowment of beneficiary aid than

is now possible. It is not expected that those whose circumstances admit the full payment of college bills will apply for scholarship assistance. It is earnestly desired, however, that, where need requires, those who might not otherwise be able to receive a college education will apply for aid from this source. The College has a long record of special encouragement to those who are obliged to secure an education largely through their own efforts. Correspondence concerning scholarships should be directed to the President, who will furnish blanks for application.

Any scholarship may be forfeited at any time during the course through negligence or misconduct. When a student incurs more than one condition in any semester, or when he receives a second warning because of unexcused delinquencies, the scholarship allowance for that semester is thereby forfeited.

Among the student benefits dispensed by the College are the following:

The Waldo Fund, $10,000, established in 1864 by bequest of Mrs. Catherine E. Waldo of Boston.

The Baldwin Fund, $28,121, received in 1871 from the estate of John C. Baldwin, Esq., of Orange, N. J.

The Warren Fund, $3,000, given in 1835 by bequest of Deacon Isaac Warren of Charlestown, Mass., and its income applied in payment of college bills of those who are preparing for the Gospel Ministry.

The Fairbanks Scholarships, $2,000, established by Thaddeus Fairbanks, Esq., of St. Johnsbury.

The Levi Parsons Scholarships, established by Hon. Levi Parsons Morton of New York City.

The Daniel O. Morton Scholarship, established by Hon. Levi Parsons Morton of New York City.

The Penfield Scholarship, $1,000, established by Allen Penfield, Esq., of Burlington.

The Emma Willard Scholarship, $2,000, established in 1895 by the Emma Willard Association, for the benefit of deserving young women.

The Charles A. Field Scholarship, $300, given to the village of Proctor, Vermont, "as a memorial of regard for Fletcher Dutton Proctor and of gratitude to him, and for courtesies received at the hands of other residents of said village."

The A. P. Stafford Fund, $1,000, established "to assist needy students from Wallingford to an education."

The Windham County Congregational Conference Scholarship, $600.

STATE SCHOLARSHIPS

The College receives from the State of Vermont an annual appropriation of $4,800 for the payment to the amount of $80 annually of the tuition and incidental college charges of sixty students, one of whom shall be designated and appointed by each Senator in the General Assembly, such appointment to be made by such Senator from his respective county, provided any suitable candidate shall apply therefor, otherwise from any county in the State.

Any Vermont student desiring to take advantage of a State scholarship should apply to one of the Senators of the county in which he resides, and the Senator may thereupon give him a certificate of appointment for a period of two years. Should the Senators in the applicant's county already have made appointments, the student should immediately apply to the President of the College, as there may be a vacancy from some other county of which the applicant may avail himself. Under the present statutes, each Senator may make one appointment each year, and each scholarship is good for two years.

Students of both sexes are eligible for appointments to State scholarships. The same regulations as to forfeiture through misconduct and incurring conditions apply to State scholarships as to student benefits owned by the College.

THE ASSOCIATED ALUMNI

THE officers and committees of the Associated Alumni of the College for 1915–16 are: *President*, J. L. Barton, '81; *Vice-Presidents*, J. C. Labaree, '56, F. D. Boynton, '91, C. L. Leonard, '95; *Secretary and Treasurer*, E. J. Wiley, '13, Middlebury; *Central Committee*, J. A. Peck, '98, A. D. Wetherell, '05, H. L. Cushman, '07; *Necrological Committee*, T. E. Boyce, '76, S. S. Eddy, '94, P. E. Mellen, '04.

ALUMNI ASSOCIATIONS

THE officers of the New York Association are: *President*, W. S. Grant, '95; *Secretary*, E. S. S. Sunderland,

'11, 15 Broad St., New York City; *Executive Committee*, P. Wilds, '02, S. H. Lane, '05, R. F. Hunt, '10.

The officers of the Boston Association are: *President*, F. A. Simmons, '02; *Secretary*, Miss Rachel F. Pike, '12, Vose Hall, Stoughton St., Boston; *Treasurer*, A. B. King, '12; *Executive Committee*, J. E. Parker, '01, G. H. Remele, '72, Miss Gertrude Cornish, '01.

The officers of the Vermont Association are: *President*, B. L. Stafford, '01; *Vice-President*, H. L. Skeels, '98; *Secretary and Treasurer*, E. J. Wiley, '13, Middlebury.

The officers of the Alumnae Association are: *President*, Mrs. May Barton Taylor, ex-'96; *Vice-President*, Mrs. Cecile Child Allen, '01; *Secretary and Treasurer*, Miss Gwendoline Hughes, '07, Fair Haven, Vt.; *Executive Board*, Mrs. Lena Roseman Denio, '96, Miss Alice Holmes, '13.

NEEDS OF THE COLLEGE

The recent gifts to the College, including the General Education Board Fund of $200,000 and the Pearsons Fund of $100,000, have placed the institution upon a substantial foundation. The buildings and grounds are valued at $701,355.92, and the endowment funds, including scholarships, total $561,453.37. But the resources are inadequate for the work the College is doing to-day, and for needed advance and improvement in many departments. The College must rely chiefly upon private benefactions, and its services to the nation in the past one hundred and fifteen years justify an appeal for additional gifts.

Among the urgent needs of the College are the following:

1. *General Endowment Funds.*
2. *The Endowment of Professorships.*
3. *A General Recitation Building.*
4. *Endowment of the Women's College.*

FORMS FOR BEQUESTS

The corporate title of Middlebury College is "The President and Fellows of Middlebury College."

The following forms are suggested:

I give and bequeath to "The President and Fellows of Middlebury College," a corporation of the State of Vermont, the sum of————dollars, to be used by the Trustees of said College for such purposes and in such manner as they shall deem appropriate.

I give and bequeath to "The President and Fellows of Middlebury College," a corporation of the State of Vermont, the sum of————dollars, to be invested by the Trustees of said College, and the income thereof to be applied to the payment of the salaries of teachers in Middlebury College as the Trustees may deem expedient.

DEGREES CONFERRED IN 1915

HONORARY DEGREES

Doctor of Divinity

Charles Everett Hesselgrave, '93 — Arthur Peabody Pratt
John Wight Chapman, '79

Doctor of Laws

Willard Rush Cray, '76 — Darwin Pearl Kingsley

Doctor of Letters

Brainerd Kellogg, '58 — Charles Baker Wright

DEGREES IN COURSE

WITH COMMENCEMENT APPOINTMENTS

Master of Arts

J. Gordon Peach, '11 — John Arthur Burton, *Colby*
Ralph Benjamin DeLano, '09 — Verena Italy Suter, '14

Master of Science

Harry Allen Farrar, '10 — Alice Maria Easton, '14

Bachelor of Arts

Class of 1915

James Glenn Anderson
George Grover Atherton-Barker*‡
Irving Lyman Cabot*
Elbert Charles Cole*†[1]¶
George Clyfton Dade*[5]
Carroll William Dodge*‡[1,2,7]¶
Wayne Martin Haller*†[4]¶

* Commencement Honors.
† Degree conferred *cum laude*.
‡ Degree conferred *magna cum laude*.
¶ Phi Beta Kappa.

1. High Honors in Biology.
2. Honors in French
4. Honors in German.
5. Honors in History.
7. High Honors in Latin.

Harold Webb Haskins
Guy Clinton Hendry
John Mott Hoyt
Frank Silver King Hunt
Merrill Lee Jenkins
Charles Sherman Jones*‡||¶
Clarence Wilson McIntire
Thomas Hamilton Ormsbee
Thomas Kenneth Penniman*†¶
Ralph Walter Ray
Thomas Milne Ross
Michael Francis Shea
Karl Isaac Solomon Sterns
Elmer Reed West

Mary Ruth Bartley
Mary Hayward Buck*‡¶
Anna May Cole
Mary Louise Ellis
Emma Louise Feeney*†
Isabel Clara Field
Sarah Katherine Fish
Sarah Louise Funnell*‡¶
Fannie Olive Gill*‡§¶
Ginevra Pollard Harlow
Clotilda Hayes
Pauline Helms*†
Ruth Hilton
Annie Josephine Hulihan
Irene Idelle Ingalls*†¶
Ruth Kendall
Florence Kopke
Mildred Dickerson Lusk
Alice King MacGilton[3, 7, 8]
Irene Ethel McGregor
Laura Louise Mead*
Mabel Alice Miller
Margaret Park Mills*
Sophie Donker Musgrove
Helena Catherine Norton
Ruth Dickinson Norton
Grace Elizabeth Peaslee*†[2]¶
Elizabeth Joy Rose*†[6]
Adelaide Ross
Harriet Emily Smith
Mary Alice Stone
Marion Sarah Thomas*†¶
Mabel Kathryn Tooley
Josephine Tracy
Laura Eliza Walbridge*
Marjory Alexander Wright

* Commencement Honors.
† Degree conferred *cum laude*.
‡ Degree conferred *magna cum laude*.
§ Salutatory Addresses.
|| Valedictory Addresses.
¶ Phi Beta Kappa.

2. Honors in French.
3. High Honors in French.
6. High Honors in History.
7. High Honors in Latin.
8. High Honors in Philosophy.

BACHELOR OF SCIENCE

Class of 1915

Clifford Theron Day*†¶
Charles Atherton Fort*†¶
George Henry Gardner
Harvey Edward Goodell
Albert Laburton Kimball
Carlisle George Kron
Robert Loder
George Wilson MacLaughlin
Grover Cleveland McCullough
Leonard Coleman Monahan
Aldo Alfred Ratti*†¶
William Mollis Sistare, Jr.
Harold Joseph Swezey
Roy Thaddeus Whitney

Britomarte Somers

* Commencement Honors.
† Degree conferred *cum laude*.
¶ Phi Beta Kappa.

PRIZE SPEAKING AWARDS

MERRILL PRIZES

Class of 1917

First Prize. Webster Evans Miller
Second Prize. John Andrew Reynolds
Third Prize. Arthur Maurice Ottman
Fourth Prize. Vinton Wesley Mitchell

PARKER PRIZES

Class of 1918

First Prize. David Willard Reid
Second Prize. Walter Edward Anderson

PRIZES IN HORACE

First Prize. Carrie Mabelle Dunton
Second Prize. Doris Atkinson Richards
Third Prize. Huldah May Thomas

PRIZES IN PEDAGOGY

First Prize. Clifford Theron Day
Second Prize. Elbert Charles Cole

DEACON BOARDMAN PEACE PRIZE

John James Floyd

STUDENTS

[The letter *a* after the name of a student indicates that he is a candidate for the degree of Bachelor of Arts; the letter *s*, that he is a candidate for the degree of Bachelor of Science.]

GRADUATE STUDENTS

Stephen S. Cushing, *Dart.*		*St. Albans*
John A. Viele, '09		*Springfield, Mass.*

SENIORS: CLASS OF 1916

Harold Eugene Adams	*s*	*Bridgeport, Ct.*	D. U. House
Elden Adelbert Austin	*a*	*E. Middlebury*	E. Middlebury
Henry Edward Aylward	*s*	*Ludlow*	A. S. P. House
Luke Emerson Bicknell	*a*	*Charlemont, Mass.*	16 Painter Hall
George Hamilton Chapman	*a*	*Worcester, Mass.*	Chi Psi Lodge
Philip Harrison Condit	*s*	*E. Orange, N. J.*	D. K. E. House
Edward Marsh Dickinson	*a*	*Lunenburg, Mass.*	D. K. E. House
Philip William Ferguson	*s*	*Lyndonville*	8 Starr Hall
Frederick Lyon Fish	*s*	*Vergennes*	Chi Psi Lodge
Lloyd Blanchard Gale	*a*	*Batavia, N. Y.*	A. S. P. House
Harry Ray Hall	*a*	*Hardwick*	7 Painter Hall
Joseph Warren Howe	*a*	*Valatie, N. Y.*	Chi Psi Lodge
John Prescott Hoyt	*a*	*N. Pomfret*	D. S. Lodge
Joel John Lamere	*a*	*Ludlow*	A. S. P. House
Harold Grant Locklin	*s*	*Richford*	D. S. Lodge
Allen Prest Logan	*s*	*E. Orange, N. J.*	23 Starr Hall
Alban James Parker	*s*	*Morrisville*	A. S. P. House
Rupert Aaron Phelps	*s*	*Marshfield*	5 Franklin St.
Charles Spurgeon Randall	*s*	*Amesbury, Mass.*	14 Painter Hall
Gordon Moore Robinson	*s*	*New Britain, Ct.*	D. K. E. House
Carroll Goulding Ross	*a*	*Rutland*	Chi Psi Lodge
Donald Worcester Salisbury	*s*	*S. Orange, N. J.*	D. K. E. House
Frank Raymond Schwarzwalder	*s*	*Newark, N. J.*	D. K. E. House
Ralph Pendleton Shedd	*s*	*New Braintree, Mass.*	19 Starr Hall
George Henry Snyder	*a*	*Granville, N. Y.*	31 Seminary St.
William Walter Thomas	*a*	*N. Poultney*	10 Painter Hall
Lawrence Washburn Wild	*a*	*W. Stewartstown, N. H.*	27 Washington St.
Charles Horton Wright	*s*	*Akron, Ohio*	K. D. R. House

JUNIORS: CLASS OF 1917

Augustus Palmer Benedict	*a*	*Walden, N. Y.*	Chi Psi Lodge
Durward Henry Boehm	*s*	*Southwick, Mass.*	18 Painter Hall
Eugene Field Boyce	*s*	*Middlebury*	16 Elm St.
Thomas Francis Bresnahan	*s*	*Fitchburg, Mass.*	21 Starr Hall
Caleb Thorndyke Brickett	*a*	*Haverhill, Mass.*	A. S. P. House
Robert Hart Bruce	*s*	*Milford, N. H.*	16 Painter Hall
Darrell Douglass Butterfield	*s*	*Middlebury*	30 South St.
Robert Frankland Coates	*s*	*Rouses Point, N. Y.*	D. U. House
Graydon Arthur Cowles	*s*	*New Britain, Ct.*	D. K. E. House
Harold Allen Damon	*s*	*Nashua, N. H.*	K. D. R. House
Said Dartley	*s*	*Middlebury*	26 Starr Hall
Harold M. Davis	*a*	*Malone, N. Y.*	D. U. House
Karl William Davis	*s*	*Chester*	D. U. House
Theodore Henry Dewhirst	*s*	*Groveland, Mass.*	D. U. House
John Edmund Downing, Jr.	*s*	*E. Portchester, Ct.*	24 Starr Hall
William Henry Edmunds	*a*	*Bristol*	K. D. R. House
John James Floyd	*s*	*New London, Ct.*	D. U. House
Senichi Fujimura	*s*	*Tokyo, Japan*	15 College St.
Harold Blake Gammell	*s*	*E. Barnet*	57 N. Pleasant St.
George Wilberforce Grant	*s*	*Derry, N. H.*	A. S. P. House
Milton Lawrence Hard	*s*	*Fairlee*	A. S. P. House
Roy Dudley Harris	*s*	*Middlebury*	Middleb'y R. D. 1
William Andrew Hawks	*s*	*N. Adams, Mass.*	D. K. E. House
Harold Edmund Hollister	*a*	*Corinth, N. Y.*	D. U. House
Earl Frederick Horsford	*s*	*Charlotte*	K. D. R. House
Eugene Plinius Hubbard	*s*	*New York, N. Y.*	D. K. E. House
Edward Shepard Huntley	*a*	*New London, Ct.*	Chi Psi Lodge
William Russell Keefe	*s*	*Greenfield, Mass.*	D. K. E. House
Carl Smith Kuebler	*s*	*Hackensack, N. J.*	D. U. House
Fred Paul Lang	*s*	*New Britain, Ct.*	D. K. E. House
Charles Ridgely Lee, Jr.	*s*	*East Orange, N. J.*	5 Starr Hall
Webster Evans Miller	*a*	*Pittsfield, Mass.*	D. S. Lodge
Vinton Wesley Mitchell	*s*	*Watertown, Ct.*	19 Starr Hall
Arthur James Mott	*a*	*Bristol*	K. D. R. House
Arthur Maurice Ottman	*s*	*Schenectady, N. Y.*	K. D. R. House
Carley Herbert Paulsen	*s*	*New York, N. Y.*	28 Starr Hall
John Mathew Quirk	*s*	*Moriah Center, N. Y.*	K. D. R. House
Rowland Vernon Ricker	*s*	*Waterbury*	D. U. House
William Slade, Jr.	*s*	*Thetford*	K. D. R. House
Edward Louis Stannard	*a*	*Middlebury*	Middleb'y R. D. 1
Emory Heath Towne	*a*	*Waterbury*	D. U. House
Arthur Thomas Vaughn	*s*	*Orange, N. J.*	5 Starr Hall
Carlton Henry Warner	*a*	*Cornwall*	Chi Psi Lodge
Joseph Alexis Wilson	*s*	*Amesbury, Mass.*	D. S. Lodge

SOPHOMORES: CLASS OF 1918

Lester Nelson Allyn	*s*	*New Haven, Ct.*	15 Weybridge St.
George Remington Ayres	*s*	*Ballston Spa, N. Y.*	K. D. R. House
Charles Effingham Bartlett	*s*	*Newport*	D. K. E. House
Richard Harrison Buffum	*a*	*Winchester, N. H.*	22 Starr Hall
James Cardell	*a*	*Bristol*	K. D. R. House
Henry Hamblin Chapman	*a*	*Middlebury*	22 Starr Hall
Burton Robert Clement	*a*	*Hollis, N. H.*	10 Painter Hall
Guy Omeron Coolidge	*a*	*Rutland*	D. U. House
Henry Mabbit Crippen	*s*	*Ballston Spa, N. Y.*	D. K. E. House
Roscoe Edwin Dake	*s*	*Greenfield Center, N. Y.*	K. D. R. House
Charles Andrews Danolds	*s*	*Medina, N. Y.*	D. S. Lodge
Irving Willard Eastman	*s*	*St. Johnsbury*	Chi Psi Lodge
Henry Leslie Eddy	*s*	*New Britain, Ct.*	D. K. E. House
Britton Armstrong Everitt	*a*	*Basking Ridge, N. J.*	119 S. Main St.
Walbridge Birney Fullington	*a*	*Johnson*	D. U. House
Earle Victor Good	*s*	*St. Johnsbury*	A. S. P. House
Kenneth McKenzie Gorham	*s*	*Middlebury*	12 Weybridge St.
Frank Seraf Gredler	*a*	*Barre*	15 College St.
Sumner Denby Harrison	*s*	*E. Orange, N. J.*	D. K. E. House
Harry Walter Hyde	*a*	*Worcester, Mass.*	Chi Psi Lodge
Charles Julius Lyon	*s*	*Stamford, N. Y.*	7 Starr Hall
Dan Owen Mason	*s*	*Middlebury*	A. S. P. House
Dexter Horace Mead	*s*	*Cornwall, Ct.*	D. S. Lodge
Charles Lynn Montgomery	*s*	*S. Shaftsbury*	D. U. House
Carl Huntress Moulton	*s*	*Underhill*	8 Painter Hall
Raymond Corwin Mudge	*a*	*Ludlow*	A. S. P. House
Robert Reed Mundy	*s*	*Marshfield, Mass.*	D. S. Lodge
Forrest Guilford Myrick	*a*	*Bridport*	Chi Psi Lodge
John Andrew Reynolds	*s*	*Rutland*	Chi Psi Lodge
Roy Robert Sears	*a*	*Ludlow*	A. S. P. House
Leslie Martin Shedd	*s*	*New Braintree, Mass.*	20 Starr Hall
Osburn Seavey Slaunwhite	*s*	*Marshfield, Mass.*	17 Painter Hall
Carroll Ross Stearns	*s*	*Bristol*	30 Starr Hall
Harold John Taylor	*a*	*Middlebury*	63 Seymour St.
Marion Smith Webb	*s*	*Beacon, N. Y.*	D. S. Lodge
Guy Eugene Wheelock	*a*	*North Troy*	D. S. Lodge
Frank Carl Whitney	*a*	*Salisbury*	Chi Psi Lodge
Norton Moore Williams	*s*	*Maplewood, N. J.*	K. D. R. House
Stanley Victor Wright	*a*	*Middlebury*	11 Weybridge St.

FRESHMEN: CLASS OF 1919

Leon McKinley Adkins	*a*	*Ticonderoga, N. Y.*	9 Painter Hall
Harold Clark Ahern	*s*	*Lyndonville*	8 Starr Hall

Robert Truman Aldrich	*s*	*Rutland*	6 Starr Hall
Walter Edward Anderson	*s*	*Fitchburg, Mass.*	A. S. P. House
Arthur Elias Axt	*s*	*Newark, N. J.*	D. S. Lodge
Harold Crawford Bailey	*s*	*Methuen, Mass.*	16 Starr Hall
George Washington Barnes	*s*	*Middlebury*	118 Main St.
Wallace Chase Bascom	*a*	*Hollis, N. H.*	7 Starr Hall
Don Alexander Belden	*s*	*Akron, Ohio*	2 Storrs Ave.
Manuel Octavio Bolivar	*s*	*Santiago, Cuba*	32 Starr Hall
James Philip Bower	*s*	*Arlington, Mass.*	11 Painter Hall
Frederick Clarence Brigham	*s*	*Rutland*	12 Starr Hall
Herbert Cecil Brokenshire	*s*	*Pawtucket, R. I.*	9 Starr Hall
William Wallace Bullis	*a*	*Corinth, N. Y.*	89 Main St.
William Raymond Canty	*s*	*Rutland*	89 Main St.
Henry Dwight Carle	*s*	*Hyde Park, Mass.*	11 Starr Hall
John King Cheesman	*s*	*South Orange, N. J.*	10 Starr Hall
Guy Newton Christian	*s*	*Georgetown, Mass.*	A. S. P. House
Arthur Augustus Coleman	*s*	*Barnstable, Mass.*	Chi Psi Lodge
Harold Sutherland Creed	*s*	*Sea View, Mass.*	14 Painter Hall
John Joseph Francis Cullen	*s*	*Newark, N. J.*	29 Starr Hall
Edwin Russell Curran	*s*	*New Britain, Ct.*	24 Starr Hall
Ronald Jeremiah Darby	*s*	*Whitefield, N. H.*	6 Starr Hall
Stuart Dunshee Douglas	*s*	*Scranton, Pa.*	20 Starr Hall
Harold Franklin Drew	*s*	*Haverhill, Mass.*	D. S. Lodge
Edward Wales Earle	*s*	*Rutland*	Chi Psi Lodge
Leland Edward Fanning	*a*	*Kensington, Ct.*	17 Starr Hall
Henry Munson Garrison	*s*	*South Orange, N. J.*	D. K. E. House
Channing Hildreth Greene	*s*	*N. Brookfield, Mass.*	9 Starr Hall
Frank Adelbert Greer	*s*	*Rockville, Ct.*	15 Starr Hall
Clarence Edwin Hamilton	*a*	*Knowlesville, N. Y.*	18 Painter Hall
Seymour Leroy Hammond	*s*	*Farmington, Me.*	11 Starr Hall
Homer Blakely Harris	*s*	*Middlebury*	Middleb'y R. D. 1
Franklin Adrian Hebard	*s*	*Holland, Mass.*	17 Painter Hall
Roland Carlysle Holbrook	*s*	*Newport*	16 Painter Hall
Harry Elmer Jenne	*a*	*Newport*	3 Starr Hall
Frederick Langdon Jones	*s*	*Castleton*	12 Starr Hall
Alfred Labensky	*s*	*New London, Ct.*	18 Painter Hall
Benjamin Edward Lamere	*s*	*Ludlow*	11 Weybridge St.
Edgar Lawrence Lord	*s*	*Dennis, Mass.*	A. S. P. House
John Joseph Lynch	*s*	*Rutland*	Chi Psi Lodge
Joseph Francis McDermott	*s*	*Fitchburg, Mass.*	15 Painter Hall
Ivan LeBaron Manzer	*a*	*Windsor*	17 Starr Hall
Henry Dean Mariano	*a*	*New York, N. Y.*	15 College St.
Harold Melville Messenger	*s*	*Haverhill, Mass.*	11 Weybridge St.
Pierre Walter Miner	*s*	*Brandon*	31 Seminary St.
Hobart McKinley Morgan	*s*	*Marshfield, Mass.*	14 Starr Hall
Philip Wilder Morton	*s*	*St. Albans*	18 Painter Hall

Harold Olsen	*s*	*New York, N. Y.*	16 Starr Hall
Andrew George Osteyee	*a*	*Randolph*	31 Starr Hall
Urban Henry Parker	*a*	*Morrisville*	A. S. P. House
Allan Knowles Peabody	*a*	*Haverhill, Mass.*	16 Starr Hall
Paul Collamer Pelton	*s*	*Rutland*	D. U. House
Paul Eli Pitkin	*s*	*Marshfield*	7 Painter Hall
Cecil Plumb	*s*	*Malone, N. Y.*	15 College St.
Sydney Taylor Pollard	*s*	*North Adams, Mass.*	27 Starr Hall
Harry Loudenslager Rainear	*s*	*Camden, N. J.*	13 Starr Hall
David Willard Reid	*s*	*Adams, Mass.*	Chi Psi Lodge
Wilson Ard Roberts	*s*	*Williamstown, Mass.*	27 Washington St.
Richard August Ruether	*a*	*Williamstown, Mass.*	23 Starr Hall
Oswald Salzedo	*s*	*Colombia, S. A.*	28 South St.
Russell Mussey Sanford	*s*	*Foster, Cal.*	35 Court St.
James Dayton Searles	*s*	*Corinth, N. Y.*	3 Starr Hall
Robert Batchelder Shepardson	*a*	*Reading, Mass.*	11 Painter Hall
Harrie Lyon Smith	*s*	*Mt. Morris, N. Y.*	30 Starr Hall
Winthrop McKinley Smith	*s*	*Vergennes*	18 Painter Hall
Isaac Bowdish Spooner	*s*	*St. Albans*	29 Starr Hall
Hermann Alfred Swoboda	*s*	*East Orange, N. J.*	31 Starr Hall
Harold Butler Tatro	*s*	*North Adams, Mass.*	32 Starr Hall
Robert Leroy Taylor	*s*	*Jay, N. Y.*	14 Starr Hall
John Benedict Todd	*a*	*Bristol*	15 College St.
Leo Bernard Towers	*s*	*Castleton*	6 Starr Hall
Freeman Kempton Walker	*s*	*Barre*	12 Painter Hall
Chester Irienas Walton	*s*	*Ausable Forks, N. Y.*	8 Painter Hall
Howard Whitman Watson	*a*	*Dorchester, Mass.*	12 Painter Hall
Harald Allen Whipple	*s*	*Lyndon Center*	13 Starr Hall

THE WOMEN'S COLLEGE
IN CONNECTION WITH MIDDLEBURY COLLEGE

ELEANOR SYBIL ROSS, Dean

IN 1883 Middlebury College opened its doors to women, and offered to them the same courses and privileges afforded to men. In 1902 a charter was granted for an affiliated College for Women, and steps have been taken toward two coördinate institutions, one for men and one for women, as fast as resources have allowed. It is believed that both men and women are better for the distinct social life of separate colleges, but that the greater economy in administration and instruction when the education of both sexes is conducted under the same corporate management and by the same Faculty justifies affiliated institutions in the same locality.

The President and Fellows of Middlebury College exercise full supervision and control of the Women's College. They are authorized to receive gifts for scholarships and professorships for the benefit of women students, for buildings for women, and for the general purposes of the Women's College. Bequests, legacies, and gifts for the education of women in connection with Middlebury College should be made payable to "The President and Fellows of Middlebury College."

The requirements for admission to the Women's College are the same as those for men. Women are taught by the same Faculty as men, and enjoy the

same privileges in the Library and Laboratories. All courses of instruction are open to them, and they have equal opportunities in every department of the College. They are accorded the degree of A.B. or B.S. upon graduation, and may attain the degree of A.M. or M.S.

Pearsons Hall, completed in 1911 with a portion of the D. K. Pearsons Fund of $100,000, accommodates, with Battell and Hillside Cottages, about one hundred and twenty women. The College will provide residence for women, except where special permission is obtained to reside elsewhere.

STUDENTS

GRADUATE STUDENTS

Myrle B. Hill, '11	*Middlebury*
Kathleen A. Hunt, '13	*Middlebury*
Alice K. MacGilton, '15	*Middlebury*
Laura L. Newell, '12	*Milford, Del.*
Carrie W. Ormsbee, *Smith*	*Brandon*
Barbara H. Smith, '13	*Albany*

SENIORS: CLASS OF 1916

Robberta Arnold	*s*	*Worcester, Mass.*	6 Pearsons Hall
Vera Emma Arnold	*a*	*Quinebaug, Ct.*	29 Pearsons Hall
Ada Barnes	*a*	*Middlebury*	118 Main St.
Lucia Madeline Besiegel	*a*	*Dalton, Mass.*	22 Pearsons Hall
Helen Melina Bosworth	*a*	*Florence, Mass.*	21 Pearsons Hall
Helen Madaline Carrigan	*a*	*Brandon*	4 Weybridge St.
Ruth Helen Conner	*a*	*Methuen, Mass.*	28 Pearsons Hall
Gladys Jane Cook	*a*	*Middlebury*	106 Main St.
Ella Irene Drake	*a*	*Brushton, N. Y.*	42 Pearsons Hall
Anna Roberts Fisher	*a*	*Vergennes*	20 Pearsons Hall
Reta Lorain Forbes	*a*	*Middlebury*	125 Main St.
Isabel Annette Grant	*a*	*Bennington*	26 Pearsons Hall
Ruth Lillian Greeley	*a*	*Rochester*	22 Pearsons Hall
Isabelle Beulah Griffith	*a*	*Brandon*	29 Pearsons Hall
Mary Elizabeth Halpin	*s*	*Middlebury*	36 College St.
Dorothy Harris	*a*	*Jefferson, N. Y.*	42 Pearsons Hall
Hazel Louise Haseltine	*a*	*Reed's Ferry, N. H.*	31 Pearsons Hall
Katherine Hobbs	*a*	*Worcester, Mass.*	2 Pearsons Hall
Mary Elbra Holmes	*s*	*Westminster Station*	36 Pearsons Hall
Mertice May James	*a*	*Madison, N. J.*	43 Pearsons Hall
Mildred Hathaway Jones	*a*	*Mansfield, Mass.*	38 Pearsons Hall
Ruth Tyler Keet	*a*	*Bernardston, Mass.*	24 Pearsons Hall
Helen Esther Kenrick	*a*	*Walpole, N. H.*	32 Pearsons Hall
Marjorie Ruth Lee	*a*	*Vergennes*	21 Pearsons Hall
Amy Iona McNall	*a*	*Malden, Mass.*	20 Pearsons Hall
Harriet Clarissa Myers	*a*	*Westmore*	2 Pearsons Hall
Louise Delphine Nelson	*a*	*Salisbury*	26 Pearsons Hall
Dorothy Irene Noyes	*a*	*Salisbury*	10 College St.
Rachel Horne Pressey	*a*	*S. Groveland, Mass.*	9 Pearsons Hall
Elizabeth Louise Smeallie	*s*	*Yalesville, Ct.*	9 Pearsons Hall
Flora Louise Willmarth	*a*	*Addison*	27 Pearsons Hall
Martha Elizabeth Wooding	*a*	*Wallingford, Ct.*	4 Pearsons Hall
Lois Belle Wright	*a*	*Shoreham*	9 Seminary St.

JUNIORS: CLASS OF 1917

Katherine Ball	*a*	*Winchester, N. H.*	24 Pearsons Hall
Elizabeth Mary Barrett	*a*	*Dalton, Mass.*	37 Pearsons Hall
Lois Sirena Bodurtha	*s*	*Westfield, Mass.*	34 Pearsons Hall
Mary Narcissa Bowles	*a*	*Middlebury*	20 College St.
Louesa Griffing Bullis	*s*	*Glens Falls, N. Y.*	35 Pearsons Hall
Letitia Elizabeth Calhoun	*a*	*Middlebury*	43 South St.
Isabelle Bridget Carrigan	*a*	*Pittsford Mills*	36 Court St.
Jennie Craigue	*a*	*Springfield*	48 Pearsons Hall
Helen Beulah Cussons	*a*	*Swanton*	37 Pearsons Hall
Madalene Katie Foster	*a*	*Walpole, N. H.*	40 Pearsons Hall
Gladys Marion Frost	*a*	*Rutland*	32 Pearsons Hall
Ethel Paine Gorton	*a*	*Naugatuck, Ct.*	23 Pearsons Hall
Olive Amy Hall	*a*	*Westminster*	34 Pearsons Hall
Ruth Fay Hall	*a*	*N. Bennington*	11 Pearsons Hall
Hester Hazel Harding	*a*	*Manchester, N. H.*	33 Pearsons Hall
Alice Gertrude Harriman	*a*	*Middlebury*	6 High St.
Marguerite Elizabeth Heaphy	*a*	*Lee, Mass.*	11 Pearsons Hall
Marina Louise Holmes	*s*	*Bristol, Ct.*	45 Pearsons Hall
Winifred Lillie Jeffords	*a*	*Williamstown*	31 Pearsons Hall
Marjorie Elizabeth Leach	*a*	*Brattleboro*	35 Pearsons Hall
Helen Elizabeth Linnell	*a*	*Hyannisport, Mass.*	6 Pearsons Hall
Helen Harriet Lyman	*s*	*Holyoke, Mass.*	27 Pearsons Hall
Marjorie Anna Mackenzie	*a*	*Boston, Mass.*	25 Pearsons Hall
Marjorie Bates Phelps	*a*	*Vergennes*	25 Pearsons Hall
Doris Atkinson Richards	*a*	*Dalton, Mass.*	10 Pearsons Hall
Violet Elizabeth Richardson	*a*	*Manchester*	12 Pearsons Hall
Anna Marie Rourke	*a*	*Beverly, Mass.*	4 Weybridge St.
Pauline Rowland	*a*	*Sapporo, Japan*	28 Pearsons Hall
Wenona Lee Shattuck	*a*	*Weston*	34 Pearsons Hall
Helen Simms	*s*	*Gorham, Me.*	39 Pearsons Hall
Cecile Maude Thomas	*a*	*Salisbury*	4 Pearsons Hall
Huldah May Thomas	*a*	*Middlebury*	10 College St.
Evelyn Elnora Wright	*a*	*Middlebury*	11 Weybridge St.

SOPHOMORES: CLASS OF 1918

Elsie Agnes Atwell	*a*	*Brandon*	28 Court St.
Estella Louise Atwell	*a*	*Brandon*	28 Court St.
Dorothy Marie Barr	*s*	*New York, N. Y.*	48 Pearsons Hall
Dorothy Helen Brown	*a*	*Newark, N. J.*	16 Battell Cottage
Ruth Mary Bryant	*a*	*Middlebury*	6 Storrs Ave.
Marie Louise Champagne	*a*	*Fitchburg, Mass.*	30 Pearsons Hall
Margaret Chatfield	*s*	*New Haven, Ct.*	4 Battell Cottage
Helen Seymour Clift	*a*	*Fair Haven*	8 Battell Cottage

Goldie Josephine Courtemanche	*a*	*Wilmington*	9 Battell Cottage
Marion Alice Dean	*a*	*North Pownal*	44 Pearsons Hall
Helen Alexander Diehl	*a*	*S. Natick, Mass.*	11 Battell Cottage
Hazel Grace Doody	*a*	*Middlebury*	4 Weybridge St.
Gertrude Eliza Dratt	*a*	*Bridport*	6 South St.
Hannah Dvorcef	*s*	*Brooklyn, N. Y.*	12 College St.
Marion Grace Elmer	*a*	*Middlebury*	12 College St.
Bertha Elizabeth Farrell	*a*	*Middlebury*	38 College St.
Elsie Langworthy Foote	*a*	*Vergennes*	40 Pearsons Hall
Alice Katherine Fuller	*a*	*Rutland*	41 Battell Cottage
Edna Matilda Gill	*a*	*Springfield*	17 Battell Cottage
Alice Catherine Halpin	*a*	*Middlebury*	36 College St.
Orra Miller Henderson	*s*	*Asheville, N. C.*	30 Pearsons Hall
Ruth Avaline Hesselgrave	*a*	*S. Manchester, Ct.*	42 Battell Cottage
Katherine Howard Hurd	*s*	*Concord, N. H.*	121 S. Main St.
Marguerite Helon Jones	*a*	*Mansfield, Mass.*	44 Pearsons Hall
Doris Annie Kendall	*s*	*Brandon*	43 Battell Cottage
Charlotte Corlusier Marsh	*s*	*Bridgeport, Ct.*	39 Pearsons Hall
Josephine Frances Menotti	*a*	*Waterbury, Ct.*	12 Pearsons Hall
Elsie Monteith	*s*	*Stanley, N. J.*	19 Battell Cottage
Helen Beatrice Newton	*a*	*Oxford, Mass.*	21 Battell Cottage
Louise Norris	*a*	*Cabot*	13 Battell Cottage
Frances Mary Pray	*s*	*Bristol, N. H.*	18 Battell Cottage
Louise Harrison Reynolds	*a*	*Rutland*	8 Battell Cottage
Marguerite Rogers	*a*	*Worcester, Mass.*	9 Battell Cottage
Helen Sibley	*a*	*Hingham, Mass.*	4 Battell Cottage
Lucy Smith	*a*	*Plymouth, Mass.*	36 Pearsons Hall
Faith Walker	*a*	*Barre*	41 Pearsons Hall
Christine Jane Webster	*a*	*Whiting*	12 College St.

FRESHMEN: CLASS OF 1919

Ruth Eliza Avery	*a*	*Brandon*	47 Pearsons Hall
Dorothy Elizabeth Brewster	*a*	*Middlebury*	25 Pleasant St.
Gertrude Rhua Burditt	*a*	*Pittsford Mills*	36 College St.
Mildred Henrietta Cady	*a*	*Middlebury*	15 Pleasant St.
Ruth Emery Cann	*a*	*Waterbury, Ct.*	Hillside Cottage
Catherine Mary Carrigan	*a*	*Brandon*	4 Weybridge St.
Anna Luella Kragvig Clark	*s*	*Plattsburg, N. Y.*	36 College St.
Ruth Elizabeth Clark	*a*	*Rutland*	Hillside Cottage
Marion Bertha Clifford	*a*	*New Haven*	Middleb'y, R.D. 1
Ruth Marion Clough	*a*	*Plattsburg, N. Y.*	Hillside Cottage
Hazel Elizabeth Coburn	*s*	*Littleton, N. H.*	Hillside Cottage
Anna Maude Coffin	*a*	*Gorham, Me.*	10 Battell Cottage
Mary Eleanor Crane	*a*	*Hackettstown, N. J.*	14 Battell Cottage
Sylvia May Derry	*a*	*Putney*	36 College St.

Minnie Dodge	*a*	*Proctor*	36 College St.
Marguerite Dyer	*a*	*Salisbury*	7 Pleasant St.
Laura Mary Fales	*a*	*West Medway, Mass.*	Hillside Cottage
Ella Florence Fellowes	*a*	*Exeter, N. H.*	Hillside Cottage
Eloise Mildred Gonyeau	*a*	*Manchester, N. H.*	5 Battell Cottage
Hazel Florence Grover	*s*	*Middletown Springs*	Hillside Cottage
Margaret Mae Harris	*a*	*Stowe*	12 Battell Cottage
Louetta Augusta Haynes	*a*	*Hardwick*	Hillside Cottage
Ruth Gertrude Holland	*a*	*Shrewsbury, Mass.*	Hillside Cottage
Dorothy Mabel Hutchinson	*s*	*Auburn, Me.*	36 College St.
Mary Hill Jennings	*a*	*Green's Farms, Ct.*	6 Battell Cottage
Vina Evelyn Jillson	*a*	*South Vernon, Mass.*	117 Main St.
Elizabeth Greenleaf Johnson	*s*	*Newburyport, Mass.*	Hillside Cottage
Janet Galbraith Johnson	*a*	*Saranac Lake, N. Y.*	15 Battell Cottage
Elizabeth Jones	*a*	*Union, N. H.*	18 Pleasant St.
Eunice Bryant Kenney	*a*	*North Beverly, Mass.*	Hillside Cottage
Eleanor Garretson Layton	*s*	*New York, N. Y.*	Hillside Cottage
Mildred Martin	*a*	*Middlebury*	60 Pleasant St.
Dorothy Nash	*s*	*Webster, Mass.*	2 Battell Cottage
Dorothy Perry Norton	*a*	*Middletown Springs*	25 College St.
Anna Lucia Novak	*a*	*Middlebury*	71 Main St.
Helen Vivian Paine	*a*	*Worcester, Mass.*	2 Battell Cottage
Dorothy Eliza Parsons	*a*	*Rye, N. H.*	36 College St.
Sylvia Teresa Pastene	*a*	*Middlebury*	43 Battell Cottage
Gertrude Agnes Perkins	*a*	*Hardwick*	6 Franklin St.
Ethel Frances Putnam	*a*	*Webster, Mass.*	3 Battell Cottage
Thelma Ruth Putnam	*s*	*Springfield*	36 College St.
Dorothea Este Reynolds	*a*	*Rutland*	7 Battell Cottage
Lewmina Rickert	*a*	*Barre*	Hillside Cottage
Mabel Pauline Rising	*a*	*Brandon*	36 Court St.
Nellie Margaret Roberts	*s*	*West Pawlet*	36 College St.
Barbara Russell	*a*	*East Middlebury*	7 Battell Cottage
Delsey Ruth Severy	*s*	*Brandon*	100 Main St.
Margaret Heaton Shay	*a*	*Chelsea*	36 College St.
Helen Sophia Stilphen	*s*	*Swanton*	36 College St.
Marion Elizabeth Swan	*a*	*Glens Falls, N. Y.*	Hillside Cottage
Mildred Irene Taylor	*s*	*Hardwick*	Hillside Cottage
Alice Drew Tomlinson	*a*	*Woodbridge, Ct.*	5 Battell Cottage
Priscilla Eleanor Wood	*a*	*Fair Haven*	36 College St.

SUMMER SESSION STUDENTS

(G) *Indicates membership in the German School*

Frances Louise Adsit, Teacher, Wilkes-Barre, Pa. (G).
Elizabeth L. Angell, A.B. (*Brown*), Student, Providence, R. I. (G).
George B. Ayres, Student, Ballston Spa, N. Y.
Lucy A. Barbour, Teacher, Hartford, Ct. (G).
Dorothy Barr, Canaan, N. H.
Charles E. Bartlett, Student, Newport.
Ruth Bartley, A.B. (*Middlebury*), Student, Ashuelot, N. H.
Harland J. Bascom, Student, Whitehall, N. Y.
Gertrude R. Berry, A.B. (*Boston University*), Teacher, Greenland, N. H. (G).
Helen E. Bingham, Littleton, N. H.
Lulu G. Birch, Ph.B. (*Cornell*), Teacher, New Rochelle, N. Y. (G).
Esther Blickensderfer, Oxford, Ohio (G).
Edward Kendrick Boak, A.B. (*Bates*), Principal High School, Easthampton, Mass.
F. E. Bogues, A.B. (*Amherst*), Teacher, Tarrytown, N. Y.
Beryl H. Boody, Secretary, Haverhill, Mass.
Elizabeth Bowles, B.S. (*Middlebury*), Middlebury.
Thomas F. Bresnahan, Student, Fitchburg, Mass.
Robert H. Bruce, Student, Milford, N. H.
Adelaide D. V. Bunker, Student, New York City (G).
D. Lawrence Burgess, Teacher, Germantown, Philadelphia, Pa. (G).
Darrell D. Butterfield, Student, Middlebury.
Grace S. Buttolph, A.B. (*Middlebury*), Teacher, Middlebury.
George H. Chapman, Student, Middlebury.
Mrs. Martha D. Chase, Teacher, Portland, Me.
John H. Cheesman, Student, South Orange, N. J.
Mary F. Clarke, A.B. (*Brown*), Teacher, Centreville, R. I. (G).
Ruth Colby Collins, Middlebury.
Walter J. Collopy, Student, Watervliet, N. Y.
Guy O. Coolidge, Student, Rutland.
Philip H. Condit, Student, East Orange, N. J.
David H. Corkran, M.A. (*Middlebury*), Clergyman, Middlebury.
Theron Culver, B.S. (*Middlebury*), Teacher, Royalton.
Charles A. Danolds, Student, Medina, N. Y.
Said Dartley, Middlebury.
Effie N. Daunis, Middlebury.
Gladys Davis, A.B. (*Wellesley*), Teacher, Chester.
Wilfred E. Davison, A.B. (*Middlebury*), Instructor Middlebury College (G).
Carroll W. Dodge, A.B. (*Middlebury*), Student, Pawlet.
Gertrude E. Dratt, Teacher, Bridport.
Adelaide J. Durston, A.B. (*Syracuse*), Teacher, Auburn, N. Y. (G).

Alice M. Easton, A.B. (*Middlebury*), Teacher, Middlebury.
Frances Espy, A.B. (*Smith*), Teacher, Caldwell, N. J. (G).
Howard C. Farwell, A.B. (*Middlebury*), Principal High School, Lincoln, N. H.
Kate E. Ferrin, Teacher, Derby.
Fred L. Fish, Student, Vergennes.
Eda Fitts, Student, North Stratford, N. H.
Ruth M. Flint, Student of Music, St. Johnsbury.
Katharin Flowers, A.B. (*Mt. Holyoke*), A.M. (*University of Chicago*), Teacher, Columbus, Ohio (G).
John J. Floyd, Student, New London, Ct.
Charles Fort, B.S. (*Middlebury*), Student, Middlebury.
Lloyd B. Gale, Student, Middlebury.
Marjorie Garrity, Teacher, Hudson Falls, N. Y. (G).
Fanny M. Gay, Teacher, Seneca Falls, N. Y.
Helena Geer, Teacher, Brooklyn, N. Y. (G).
Ruth L. Goodwin, A.B. (*Wellesley*), Worcester, Mass. (G).
Mary M. Gottfried (*Smith*), Teacher, Upper Montclair, N. J. (G).
Nannie R. Gray, Teacher, Stevens Point, Wis. (G).
Frances Guerin, Student, Worcester, Mass.
H. Ray Hall, Student, Middlebury.
Wayne M. Haller, A.B. (*Middlebury*), Student, Shelburne Falls, Mass.
Helen L. Hard (*University of Michigan*), Teacher, Detroit, Mich.
Meta Harms, Teacher, Brooklyn, N. Y.
Arthur W. Harris, A.B. (*Middlebury*), Principal High School, Wells River.
Roy Dudley Harris, Student, Middlebury.
Sumner D. Harrison, Student, East Orange, N. J.
Belle W. Hayward, Teacher, Rutland.
Ruth A. Hesselgrave, Student, South Manchester, Ct.
Adelino A. Hoffay, Student, Troy, N. Y.
Hilda Holman, Teacher, Billerica, Mass.
Roy J. Honeywell, Clergyman, Rensselaer, N. Y.
Joseph Warren Howe, Student, Valatie, N. Y.
Leah A. Huckans, A.B. (*Mt. Holyoke*), Teacher, Gloversville, N. Y. (G).
Mildred Hull, Teacher, Valparaiso, Ind.
Agnes Irwin, Student, Tokyo, Japan (G).
Ralph C. Jenkins, A.B. (*Dartmouth*), Assistant Principal Burr and Burton Seminary, Manchester.
Grace E. Jordan, Teacher, Portland, Me.
Harriet W. Keith, Ph.M. (*New York University*), Teacher, New York City (G).
Lena H. Klasky, A.B. (*Columbia*), Teacher, New York City (G).
Vivien M. Lewis, Student, Providence, R. I.
Harold G. Locklin, Richford.
Beulah S. Loomis, A.B. (*Mt. Holyoke*), Teacher, Westfield, Mass. (G).

Gladys Lott, Teacher, Boston, Mass.
Alfred Lowry, Jr., M.A. (*Haverford*), Teacher, Westtown, Pa. (G).
Cora G. McCracken, Providence, R. I.
Grover C. McCullough, Student, Chatham, N. J.
Amy McNall, Student, Malden, Mass.
Aileen McKenney, A.B. (*Goucher*), Teacher, Glyndon, Md.
Florence McKinlay, A.B., Ph.B. (*New York State College*), Teacher, Schenectady, N. Y. (G).
Florence McSweeney, Teacher, New York City (G).
Rachel A. Malcomson, 386 Trumbull Ave., Detroit, Mich.
Charlotte C. Marsh, Student, Bridgeport, Ct.
Alice Monroe, Singer, Orange, Mass.
Harris G. Monroe, Student, Orange, Mass.
F. Lillian Murdock, A.B. (*Vassar*), Teacher, Johnstown, Pa. (G).
Elizabeth Nagle, B.A. (*Simmons*), Teacher, Brookline, Mass.
Lawrence W. Newell, A.B. (*Harvard*), Teacher, Tarrytown, N. Y.
Fales Newhall, A.B. (*Wesleyan*), Teacher, Springfield, Mass. (G).
Mabel E. Nims, Teacher, Randolph.
Kenneth S. Noyes, Student, Lake George, N. Y.
Ruth A. Noyes, A.B. (*Middlebury*), Teacher, Salisbury.
Donald Ober, Student, Nashua, N. H.
Hazel O'Connell, A.B. (*Middlebury*), Teacher, Middlebury.
Helena M. Olds, Ph.B. (*Bucknell University*), Teacher, Haddonfield, N. J. (G).
Anna E. Olmstead, A.B. (*Mt. Holyoke*), Teacher, Walton, N. Y. (G).
Olin D. Parsons, A.B., E.E. (*Syracuse*), Teacher, Yonkers, N. Y.
Carley H. Paulsen, Student, New York City.
Alice M. Pease, A.B. (*Mt. Holyoke*), Teacher, Laconia, N. H. (G).
T. Kenneth Penniman, A.B. (*Middlebury*), Student, Meriden, N. H.
Olive Phraner, A.B. (*Wellesley*), Teacher, Hartford, Ct. (G).
Josephine A. Pickering, M.A. (*Boston University*), Teacher, Pawtucket, R. I. (G).
Fred E. Pitkin, Student, Marshfield.
Emma Plambeck, Teacher, New York City.
Emelie Pritchard, A.B. (*Hunter*), New York City (G).
Frances A. Putnam, Drawing Teacher, Boston, Mass.
Charles S. Randall, Student, Amesbury, Mass.
Violet Richardson, Student, Middlebury.
William B. Richmond, A.B. (*Middlebury*), Teacher, Middlebury.
Elis Rondthaler, Teacher, Bethlehem, Pa. (G).
J. Edward Rourke, Student, Beverly, Mass.
Etta M. Rowell, B.S. (*Bates*), Teacher, Concord, N. H.
Pauline Rowland, Student, Sapporo, Japan.
Isaranda Sanborn, A.B. (*Oberlin*), Teacher, Proctor.
Betty Schragenheim, Teacher, New York City.
Vera Schüller, Teacher, Brooklyn, N. Y. (G).

Catharine Shea, Teacher, Middlebury.
Mary Agnes Shea, A.B. (*Middlebury*), Middlebury.
Michael F. Shea, Student, New York City.
Helen Sibley, Student, Hingham, Mass.
Lucretia V. T. Simmons, Teacher, Richmondville, N. Y. (G).
Alice P. Stevens, A.B. (*Mt. Holyoke*), Teacher, South Hadley, Mass. (G).
A. Marie Stewart, Ph.B. (*Westminster*), Teacher, Salem, N. Y.
Mary C. Stoddard, Student of Music, Brookline, Mass.
Vivia Stone, A.B. (*Middlebury*), Teacher, Springfield.
Nobuzo Suyemitsu, B.S. (*Middlebury*), Teacher, Unomachi, Japan.
Della M. Thomas, A.B. (*Oberlin*), Teacher, Owensboro, Ky. (G).
Etta L. Thomas, A.B. (*Oberlin*), Teacher, Westboro, Mass.
Huldah M. Thomas, Student, Middlebury.
Ella K. Truesdale, A.B. (*Wells*), Teacher, Schenectady, N.Y.
Mary E. Utecht (*University of Maine*), Topsham, Me.
Benjamin F. Van Alstyne, Student, Canajoharie, N. Y.
August von Zabuesnic, Teacher, New York City (G).
John C. Voss, A.B. (*Middlebury*), Teacher, Shoreham.
Edna A. Waite, Assistant Principal, Brooklyn, N. Y.
Faith Walker, Student, Barre.
Delbert A. Wheeler, B.S. (*New Hampshire State College*), Teacher, Everett, Mass.
Josephine Wilcox, Ph.B. (*University of Chicago*), Teacher, Chicago, Ill.
Emily J. Winch, A.B. (*Mt. Holyoke*), Teacher, Manchester, N. H. (G).
Evelyn E. Wright, Student, Middlebury.
Jane C. Wright, A.B. (*Wesleyan*), Teacher, Bridgeport, Ct.

SUMMARY

SUMMARY BY CLASSES

	Men	*Women*	*Total*
Graduate Students	2	6	8
Seniors	28	33	61
Juniors	44	33	77
Sophomores	39	37	76
Freshmen	76	53	129
	189	162	351
Summer Session			149
Total			500
Counted twice			32
Net Total			468

CLASSIFICATION BY COURSES

UNDERGRADUATES ONLY

Men	*Candidates for A.B.*	*Candidates for B.S.*
Seniors	13	15
Juniors	11	33
Sophomores	16	23
Freshmen	15	61
Women		
Seniors	29	4
Juniors	28	5
Sophomores	28	9
Freshmen	41	12
Total	181	162

GEOGRAPHICAL DISTRIBUTION

UNDERGRADUATES ONLY

	Men	*Women*	*Total*
Vermont	73	81	154
Massachusetts	39	31	70
New York	27	10	37
New Jersey	16	4	20
Connecticut	15	12	27
New Hampshire	8	13	21
Maine	1	3	4
Ohio	2	0	2
California	1	0	1
North Carolina	0	1	1
Pennsylvania	1	0	1
Rhode Island	1	0	1
Cuba	1	0	1
South America	1	0	1
Japan	1	1	2
	187	156	343

COLLEGE CALENDAR

1915

September 23.	*Thursday*, 8.45 *a.m.* Beginning of first semester.
November 1.	*Monday*. Charter Day.
November 25.	*Thursday*. Thanksgiving Day.
December 18 *to* January 3.	*Saturday to Monday*. Christmas Recess.

1916

January 27 *to* February 5.	*Thursday to Saturday*. Mid-year Examinations.
February 5.	*Saturday*. End of first semester.
February 7.	*Monday*. Beginning of second semester.
February 22.	*Tuesday*. Washington's Birthday.
March	Mid-winter Meeting of the Phi Beta Kappa Society.
March 25 *to* April 3.	*Saturday to Monday*. Spring Recess.
May 4–6.	*Thursday to Saturday*. Junior Week.
May 30.	*Tuesday*. Memorial Day.
June 8–16.	*Thursday to Friday*. Final Examinations.
June 18.	*Sunday*. Commencement Sunday.
June 19.	*Monday*. Class Day. 10.30 *a.m.* Class Day Exercises. 3.00 *p.m.* June Meeting of the Phi Beta Kappa Society. 8.00 *p.m.* Parker and Merrill Prize Speaking.
June 20.	*Tuesday*. Alumni Day. 8.00 *p.m.* Commencement Concert.
June 21.	*Wednesday*. Commencement Day.

June 21.	9.00 *a.m.* Meeting of the Alumni in the Chapel. 10.30 *a.m.* Commencement Exercises. 1.00 *p.m.* Commencement Dinner. 7.30 *to* 9.00 *p.m.* President's Reception.
July 8 *to* August 18.	Summer Session.
September 21.	*Thursday*, 8.45 *a.m.* Beginning of first semester.
November 1.	*Wednesday*. Charter Day.
November 30.	*Thursday*. Thanksgiving Day.
December 16 *to* January 2.	*Saturday to Tuesday*. Christmas Recess.
1917	
January 25 *to* February 3.	*Thursday to Saturday*. Mid-year Examinations.
February 3.	*Saturday*. End of first semester.
February 5.	*Monday*. Beginning of second semester.

Note. All recess dates are inclusive.

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